

Air Conditioning & Heating

GSC13

SPLIT SYSTEM AIR CONDITIONER 13 SEER / R-22 $1\frac{1}{2} \text{ to } 5 \text{ Tons}$



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Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid-line filter drier
- Copper tube/aluminum fin coil
- For use with R-22 refrigerant; charged with inert gas for shipping
- R-22 piston kit included
- Brass liquid and suction service valves with sweat connections
- Contactor with lug connections
- Ground lug connection
- ETL Listed

Cabinet Features

- Louver design sound control top
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



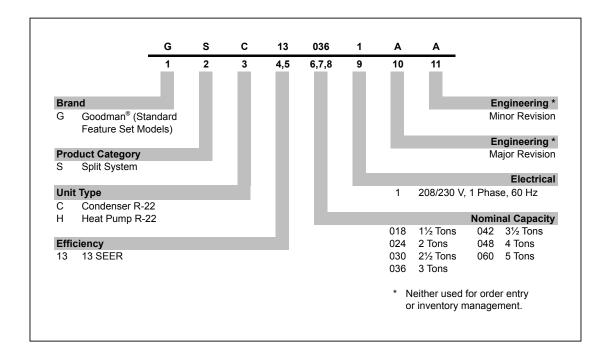








Nomenclature





2



SPECIFICATIONS

	GSC13 0181G*	GSC13 0241F*	GSC13 0301E*	GSC13 0361G*	GSC13 0421C*	GSC13 0481C*	GSC13 0601D*
COOLING CAPACITIES							
Tonnage	1½	2	2½	3	3½	4	5
Decibels	76	76	72	75	76	76	77
COMPRESSOR							
RLA	6.8	10.8	13.5	13.4	15.4	19.2	21.8
LRA	40	56	68	74	87	112	137
CONDENSER FAN MOTOR							
Horsepower	1/8	1/8	1/8	1/6	1/4	1/4	1/4
FLA	0.65	0.65	0.7	1.1	1.5	1.5	1.5
REFRIGERATION SYSTEM							
Refrigerant Line Size							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7∕8"	1%"	1%"	11/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ³	3/4"	3/4"	3/4"	3/4" 3	3/4" 3	¾" 4	⅓ " 4
Valve Type	Sweat						
Refrigerant Charge	87	77	66	77	108	128	118
ELECTRICAL DATA							
AC Volts-Hz	208-230/60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Min. Circuit Ampacity ¹	9.2	14.2	17.6	17.9	20.8	25.5	28.8
Max. Overcurrent Device ²	15	25	30	30	35	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"						
EQUIPMENT WEIGHT (LBS)	116	116	142	141	141	176	207
SHIP WEIGHT (LBS)	130	130	159	159	159	194	225

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Charge with refrigerant charge listed on S&R plate; 15' of ¾" line included in this charge. System charge must be adjusted per Installation Instructions Final Charge Procedure.

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

 $^{^{\}rm 3}$ $\,$ Installer will need to supply $\mbox{\em 3}''$ to $\mbox{\em 7}''$ adapters for suction line connections.

 $^{^4}$ $\,$ Installer will need to supply % ' to 1% ' adapters for suction line connections.

Expanded Ratings — GSC130181G*

												OU	TDOOR ,	AMBIE	OUTDOOR AMBIENT TEMPERATURE	ERATUR	E E									
				65		H		75		Н		82		П		95				105	<u>ر</u>			115		
											Е	NTERIN	G INDO	OR WE	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRFLOW	59	63	Н	Ш	71	29	63	. 29	71	29	63	29	71	59	63	29	71	29	63	29	71	29	63	29	71
	MB	_			17.9	1			17.5	-	15.1	15.6	17.1	,	14.7	15.2	16.7		14.0	14.5	15.9	-	12.9	13.4	14.7	,
	r/s	_			40			_	0.42		0.74 (0.61	0.43	,	0.76	0.63	0.44		0.79	99.0	0.46	,	0.80	99.0	0.46	,
	Δ				.3 2	_		17	13	_	19	17	13	_	20	17	13	,	19	17	13	_	18	16	12	_
'n	525 KW				07				1.16		1.17	1.20	1.25	,	1.24	1.27	1.32	,	1.30	1.33	1.38	_	1.35	1.38	1.43	,
	Am				5.	_			4.8	_	4.9	2.0	5.2	_	5.2	5.4	5.5		5.5	5.7	5.9	,	5.9	0.9	6.2	,
	H —				48	_			166	_	166	179	189	_	189	203	215	,	213	229	242	_	235	253	267	_
	LOF	_			88	_		99	72	-	65	69	75	-	89	72	79	-	71	92	83	-	74	78	98	-
	MBh	3h 17.1	1 17.7		3.4	1	16.7 1	17.3	19.0		16.3	16.9	18.5	-	15.9	16.5	18.1		15.1	15.7	17.2	-	14.0	14.5	15.9	,
	-S				42				0.43	-	0.76	0.64	0.44	_	0.79	99.0	0.46	'	0.82	0.68	0.47	-	0.82	0.69	0.48	,
	LΔ				7	,			13	,	19	17	13	,	19	17	13	,	19	16	12	,	18	15	12	,
9	900 KW				10				1.20	_	1.21	1.24	1.28	_	1.28	1.31	1.36	'	1.34	1.37	1.42	_	1.39	1.42	1.47	,
	Am				9.	_			4.9	_	5.0	5.2	5.3	-	5.4	5.5	5.7	-	5.7	5.8	0.9	_	0.9	6.2	6.4	
	H				52	_			171	,	171	184	194	,	195	210	221	,	219	236	249	,	242	261	275	,
	LOF	-			1	-		89	75	-	29	71	77	-	20	75	81	-	73	78	85	-	92	81	88	-
	MB	_			0.0	1			19.6	-	16.8	17.4	19.1	,	16.4	17.0	18.6		15.6	16.2	17.7	-	14.4	15.0	16.4	,
	I/S	_			44				0.45	_	0.80	0.67	0.46	,	0.83	69.0	0.48	,	98.0	0.72	0.50	_	98.0	0.72	0.50	-
	TΔ				.2			16	12	_	18	16	12	-	18	16	12	-	18	16	12	_	17	15	11	
9	675 KW				11			` '	1.21	_	1.22	1.25	1.29	,	1.29	1.32	1.37	,	1.35	1.38	1.43	_	1.40	1.44	1.49	,
	Am				9.	_			5.0	_	5.1	5.2	5.4	,	5.4	5.5	5.7	,	5.7	5.9	6.1	_	6.1	6.2	6.4	-
	Ŧ				54	_			173	_	173	186	196	1	197	212	224	,	221	238	252	_	245	263	278	-
	9				1	,		69	75	1	29	72	78	,	71	75	82	,	74	79	98	1	77	82	89	,

		MBh 1	16.1	16.5 1	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T 0	0.79 0.	0.70 0	0.53 (0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	98.0	0.77	0.58	0.38	0.90	0.80	0.61	0.39	06.0	0.81	0.61	0.39
			22 2	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	525	kW 1	1.02 1.	1.04	1.08	1.12	1.11	1.13	1.17	1.22	1.19	1.21	1.26	1.30	1.25	1.28	1.33	1.38	1.31	1.34	1.39	1.44	1.36	1.40	1.45	1.50
		Amps 4	4.3 4	4.4	4.5	4.7	4.6	4.7	4.8	5.0	5.0	5.1	5.2	5.4	5.3	5.4	5.6	5.8	9.5	5.7	5.9	6.1	5.9	0.9	6.2	6.5
		HI PR 1	131 1	141 1	149	156	147	159	168	175	168	180	191	199	191	206	217	226	215	231	244	255	237	255	270	281
		LO PR	29 (63	69	74	63	29	73	78	65	70	92	81	69	73	80	85	72	77	84	89	74	79	98	92
		MBh 1	17.4 1	17.9 1	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		S/T 0	0.82 0.	0.73 C	0.55 (0.36	0.85	92.0	0.57	0.37	0.87	0.78	0.59	0.38	06.0	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
			22 2	20	16	11	22	20	17	11	22	20	17	12	22	70	17	12	22	70	17	11	20	19	15	11
75	009	kW 1	1.05 1.	1.07	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.34	1.29	1.32	1.37	1.42	1.35	1.38	1.43	1.49	1.40	1.44	1.49	1.54
		Amps 4	4.4 4	4.5	4.6	4.8	4.7	4.8	2.0	5.1	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	5.7	5.9	6.1	6.3	6.1	6.2	6.4	9.9
		HI PR 1	135 1	146 1	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290
		LO PR	61 6	65	71	92	65	69	75	80	29	72	78	83	71	75	82	88	74	79	98	95	77	82	89	95
		MBh 1	17.9 18	18.5 2	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
			0.86 0.	0.77 0	0.58 (0.37	0.89	0.79	09.0	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	99.0	0.42	0.98	0.88	0.67	0.43
		ΔT	21 1	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	675		1.06 1.	1.08	1.12	1.16	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.38	1.43	1.36	1.39	1.45	1.50	1.41	1.45	1.50	1.56
	-	Amps '	4.4 4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	5.6	5.5	9.9	5.8	0.9	2.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7
		HI PR 1	137 1	147 1	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
		LO PR	62 (99	72	77	65	20	92	81	89	72	79	84	71	92	83	88	75	80	87	93	77	82	90	96
IDB: Ente High and	ering Inc	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves	ulb Tem e measu	peratured at	rre the liq	uid and	suction	n servic	e valve	š.	¥	kW = Tota	Shaded area reflects . = Total system power	area re n powe	lects	ACCA (T)	(TVA) conditions Design Subcool	IVA) conditions Design Subcooling 9 ±3	, £∓ 6 gı	°F @ the) <u>i</u> b	Amps = outdoor Ilquid service valve,		unit amp ARI 95 te	amps (comp.+fan) 95 test conditions	o.+fan) ditions

Expanded Ratings — $GSC130181G^*$ (cont.)

			9					١,			6				;		-		,		_			
			'	65			75	اي			δ				95		\dashv		105				115	
IDB AIRE										1	ENTERIN	IG INDO	OR WE	ENTERING INDOOR WET BULB TEMPERATURE	EMPER#	TURE								
	AIRFLOW	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	. 29	71 5	29 6	63 67	, 71
	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5 1	14.8 1	15.8 1	16.9 13	13.4 13.7	.7 14.6	6 15.6
_	S/T	0.86	0.81	99.0	0.5	06.0	0.84	0.68	0.51	0.92	98.0	0.70	0.5	0.95	0.89	0.72	0.54 0	0.98	0.92	0.75 (0.6 0.9	0.99 0.	0.93 0.76	6 0.57
	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17 2	23 2	22 19	15
525	Κ×	1.03	1.05	1.09	1.1	1.12	1.14	1.19	1.23	1.20	1.22	1.27	1.3	1.27	1.30	1.34	1.39	1.32	1.36	1.41	1.5 1.3	1.37	1.41 1.46	6 1.51
_	Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.1	2.0	5.1	5.3	5.5	5.3	5.4	9.9	_				6.2 6.	9 0.9	6.1 6.3	3 6.5
	HI PR	133	143	151	157.3	149	160	169	177	169	182	192	200.8	193	208	219	229	217	234	247 25	257.2 24	240 2	258 272	2 284
	LO PR	09	64	70	74.3	63	89	74	79	99	70	77	81.6	69	74	81	98	73	77	84 8	89.9	75 8	80 87	, 93
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3 14	14.5 14	14.8 15.8	8 16.9
_	S/T	06.0	0.84	0.68	0.5	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.56	1.00	0.96	0.78 (0.6 1.	1.00 0.1	0.96 0.78	8 0.59
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16 2	22 2	22 19) 15
80 600	×	1.06	1.08	1.12	1.2	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.4	1.30	1.33	1.38	1.43	1.36 1	1.40	1.45	1.5 1.	1.41 1.	1.45 1.50	0 1.56
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.4	9.9	5.5	9.5	5.8	0.9	2.8	5.9	6.1 (6.3	6.1 6	6.3 6.5	5 6.7
_	HI PR	137	147	155	162.2	154	165	174	182	175	188	198	207.0	199	214	526	236	224	241	254 26	265.2 24	247 20	266 281	1 293
	LO PR	62	99	72	76.6	65	70	92	81	89	72	79	84.2	71	92	83	88	75	80	87 9	92.6 7	77 8	82 90	96 (
	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1 1	16.5	17.6 1	18.8 14	14.9 15	15.3 16.3	3 17.4
	S/T	0.94	0.88	0.72	0.5	1.00	0.91	0.74	0.56	1.00	0.94	92.0	9.0	1.00	0.97	0.79	0.59	1.00	1.00	0.82 (0.6 1.0	1.00 1.	1.00 0.82	2 0.62
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	50	16 2	20 2	21 18	3 15
675	γ×	1.07	1.09	1.13	1.2	1.16	1.19	1.23	1.27	1.24	1.27	1.32	1.4	1.31	1.34	1.39	1.45	1.37	1.41	1.46	1.5 1.4	1.43	1.46 1.52	2 1.57
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.5	9.9	5.8	0.9	5.8	0.9	6.2 (6.4 6.	6.2 6	6.3 6.5	5 6.8
	HI PR	138	149	157	163.8	155	167	176	184	176	190	200	209.0	201	216	228	238	226	243	257 26	67.8 25	250 26	269 284	4 296
_	LO PR	63	29	73	77.4	99	20	77	82	69	73	80	85.0	72	77	84	68	92	80	88	93.6 7	78 8	83 91	. 97

unit amps (comp.+fan)	Amps = outdoor unit amps (comp.+fan	unit an	utdoor	Amps = outdoor	Α.	(nditions	HRI col	flects A	Shaded area reflects AHRI conditions	Shaded area ref		-		-			:	ature	Temper	IDB: Entering Indoor Dry Bulb Temperature	IDB: Entering Indoor Dry Bulb Temperature	ntering
98	95	84	79	94	88	81	9/	90	82	78	73	98	81	74	69	83	78	71	29	78	73	67	63	LO PR	
299	287	271	252	271	259	246	228	240	231	218	203	211	202	192	178	186	178	169	157	165	159	150	140	HI PR	
6.8	9.9	6.4	6.2	6.5	6.2	0.9	5.9	6.1	5.9	5.7	9.9	5.7	5.5	5.3	5.2	5.3	5.1	4.9	4.8	4.9	4.7	4.6	4.5	Amps	
1.59	1.53	1.48	1.44	1.53	1.47	1.42	1.39	1.46	1.41	1.36	1.32	1.38	1.33	1.28	1.25	1.29	1.24	1.20	1.17	1.18	1.14	1.10	1.08	Κ	675
19	22	21	21	20	23	23	22	20	24	24	24	20	23	25	24	20	23	25	25	20	23	25	25	ΔT	
0.80	0.98	1.00	1.00	0.79	0.98	1.00	1.00	0.76	0.94	1.00	1.00	0.74	0.91	1.00	1.00	0.72	0.89	0.98	1.00	0.70	0.86	0.95	0.98	S/T	
17.3	16.2	15.5	15.2	18.7	17.5	16.7	16.4	19.7	18.4	17.6	17.3	20.2	18.9	18.1	17.7	20.7	19.4	18.5	18.1	21.2	19.8	18.9	18.6	MBh	
97	91	83	78	94	88	80	26	89	84	77	72	85	80	73	69	82	77	70	99	77	73	67	63	LO PR	
29	284	269	250	268	257	243	226	238	228	216	201	209	200	190	176	184	176	167	155	164	157	149	138	HI PR	
8.9	6.5	6.3	6.2	6.4	6.2	6.0	5.8	0.9	5.8	9.9	5.5	5.7	5.5	5.3	5.2	5.5	5.1	4.9	4.8	4.9	4.7	4.6	4.5	Amps	
1.5	1.52	1.46	1.43	1.51	1.46	1.41	1.37	1.45	1.39	1.34	1.31	1.36	1.32	1.27	1.24	1.27	1.23	1.19	1.16	1.17	1.13	1.09	1.07	Α×	009
20	23	23	23	21	24	25	24	21	25	56	56	21	24	56	56	21	24	26	26	21	24	26	26	ΔT	
0.76	0.94	1.00	1.00	0.76	0.93	1.00	1.00	0.73	0.90	0.99	1.00	0.71	0.87	96.0	1.00	69.0	0.85	0.94	0.97	99.0	0.82	0.91	0.94	S/T	
16.8	15.8	15.0	14.8	18.2	17.0	16.2	15.9	19.1	17.9	17.1	16.8	19.6	18.4	17.5	17.2	20.1	18.8	18.0	17.6	20.5	19.3	18.4	18.0	MBh	
94	88	81	92	91	82	78	73	87	81	74	70	82	77	71	29	79	74	89	64	75	71	65	61	LO PR	
287	275	261	242	260	249	236	219	231	221	210	195	203	194	184	171	178	171	162	150	159	152	144	134	HI PR	
9.9	6.4	6.2	0.9	6.2	0.9	5.8	5.7	5.9	5.7	5.5	5.4	5.5	5.3	5.2	5.0	5.1	4.9	4.8	4.7	4.7	4.6	4.4	4.3	Amps	
1.53	1.47	1.42	1.39	1.47	1.42	1.37	1.34	1.41	1.36	1.31	1.28	1.33	1.28	1.24	1.21	1.24	1.20	1.15	1.13	1.14	1.10	1.06	1.04	kW	525
20	23	24	24	21	25	56	56	22	25	56	27	22	25	56	27	21	25	26	27	21	25	26	56	ΔT	
0.73	0.91	1.00	1.00	0.73	0.90	0.99	1.00	0.70	0.86	96.0	0.99	0.68	0.84	0.93	96.0	99.0	0.82	0.91	0.94	0.64	0.79	0.87	0.91	S/T	
15.5	14.5	13.9	13.6	16.8	15.7	12.0	14.7	17.6	16.5	15.8	15.5	18.1	16.9	16.2	15.9	18.5	17.4	16.6	16.3	19.0	17.8	17.0	16.6	MBh	

Expanded Ratings — $\mathsf{GSC130241F}^*$

AIRFLOW 59 63 NBh 20.0 20.8 5/T 0.67 0.56 ΔT 17 15 ΛΟΟ kW 1.48 1.52 Αμηρκ 134 144 LO PR 57 61 NBh 21.7 22.5 S/T 0.69 0.58 ΔT 17 15 800 kW 1.52 1.56 Αμηρκ 135 1.56 Αμηρκ 135 1.56 Αμηρκ 1.52 1.56	65 3 67 8 22.7 6 0.38 11 22.7 22 11 23 1.57 4 152 1 66 6 5 24 152 25 24.6 36 0.40	17		7	75			85				ä		-		10,				-;;	
MBh 20.0 S/T 0.67 AVW 1.48 AMPS 7.0 HI PR 134 LO PR 57 NG9 AT 17 KW 1.52 AMPS 7.2 AMPS 7.2 AMPS 7.2 AMPS 7.2 AMPS 7.2 HI PR 138 138 10.0 PR 59												U.				105				115	
MBh 20.0 S/T 0.67 AV 1.48 Amps 7.0 HI PR 134 LO PR 57 NABh 21.7 S/T 0.69 AT 17 KW 1.52 Amps 7.2 Amps 7.2 HI PR 138 H	\vdash	_					_	ENTERIN	ENTERING INDOOR WET BULB TEMPERATURE	OR WET	BULB TE	EMPERA	TURE								
MBh 20.0 S/T 0.67 AT 17 KW 1.48 Amps 7.0 HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 AT 17 KW 1.52 Amps 7.2 HI PR 138 HI P		1 1 1 1	59	63	29	71	59	63	29	71	59	63	67	71	29	63	67 7	71 5	59 63	3 67	71
S/T 0.67 ΔT 1.7 kW 1.48 Amps 7.0 HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 ΔT 1.7 kW 1.52 Amps 7.2 HI PR 138		1 1 1	19.6	20.3	22.2	1	19.1	19.8	21.7	-	18.6 1	19.3	21.1	-	17.7	18.3 2	20.1	- 16	16.4 17.0	.0 18.6	
KW 1.48 Amps 7.0 HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 ΔT 17 KW 1.52 Amps 7.2 HI PR 138		1 1	69.0	0.58	0.40	-	0.71	0.59	0.41		0.73 (0.61	0.42	_	_	0.63	J.44	- 0	0.76 0.64	54 0.44	
kW 1.48 Amps 7.0 HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 AT 17 kW 1.52 Amps 7.2 HI PR 138		•	18	15	12	,	18	15	12	_	18	15	12	_	18	15	12	_	16 14		
Amps 7.0 HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 AT 17 KW 1.52 Amps 7.2 HI PR 138			1.61	1.65	1.71	,	1.73	1.77	1.83	-	1.83	1.87	1.94	1	1.91	,,	2.03	- -	1.99 2.04	2.11	
HI PR 134 LO PR 57 MBh 21.7 S/T 0.69 AT 17 KW 1.52 Amps 7.2 HI PR 138		1	7.5	7.6	7.8	_	8.0	8.1	8.4	_	8.4		8.9	_	8.9		9.4	6 —		9.8	
LO PR 57 MBh 21.7 S/T 0.69 AT 17 KW 1.52 Amps 7.2 HI PR 138		•	150	162	171	,	171	184	194	,	195	210	221	,	219	236	249	- 5	242 261		
MBh 21.7 S/T 0.69 ΔT 17 KW 1.52 Amps 7.2 HI PR 138		1	09	64	70	1	63	29	73	-	99	70	77	-	69	73	80	- 7	71 76	5 83	
S/T 0.69 ΔT 17 kW 1.52 Amps 7.2 HI PR 138			21.2	22.0	24.1		20.7	21.4	23.5	<u> </u>		(22.9	-		19.9	21.8	- 17	7.8 18.4		
Amps 7.2 HI PR 138		•	0.71	09.0	0.41	,	0.73	0.61	0.42	-	0.76	0.63 (0.44	-	0.79		0.45	- 0	0.79 0.66	56 0.46	
kW 1.52 Amps 7.2 HI PR 138		1	17	15	11	_	17	15	11	_	18	15	12	_	17		11	_	16 14		
7.2		1	1.66	1.70	1.76	1	1.78	1.82	1.89	-		1.93	2.00	-	1.97	2.02	5.09	- 2.			
138		1	7.6	7.8	8.0	,	8.2	8.3	9.8	_		8.8	9.1	_	9.1	9.3	9.6	6	9.6 9.8	8 10.1	1
59		1	155	167	176	'	176	190	200	_	201		228	_	226		257	- 2		9 284	'
)		1	62	99	72	-	65	69	75	-	89	72	79	-	71	92	83	- 7	74 78	8 86	
22.3		1	21.8	22.6	24.8	1	21.3	22.1	24.2	1	20.8 2	21.5	23.6	-	19.7	20.5	22.4	- 18	18.3 19.0		
0.72		ı	0.75	0.63	0.43	1	0.77	0.64	0.44		0.79	0.66 (0.46	_	0.82	0.69	0.48	- 0	0.83 0.69	59 0.48	'
17		1	17	14	11	,	17	14	11	_	17	15	11	_	17	14	11		16 13	3 10	'
1.54		1	1.67	1.71	1.78	,	1.79	1.84	1.90	-		•	2.02		1.99		2.11	- 2	2.07 2.12	•	'
		ı	7.7	7.8	8.1	1	8.2	8.4	9.8	_	8.7	8.9	9.2	_	9.5	9.4	9.7	6	9.7 9.	9 10.2	
140		1	157	169	178	,	178	192	202	,		218	231	,	228		259	- 2	52 271	1 287	'
	3 69	•	63	29	73	,	65	69	9/	,	69	73	80	,	72	9/	84	_	74 79	98 6	'

or unit amps (comp.+fan	= outdoor unit amps (comp.+fan	or unit a	= outdo	Amps			SI	Shaded area reflects ACCA (TVA) conditions	A (TVA)	ects ACC	ırea refle	Shaded a	0,						-	-	-	berature	ulb Temp	IDB: Entering Indoor Dry Bulb Temperature	tering Ind
93	87	80	75	90	84	77	73	98	80	74	69	82	77	70	99	79	74	89	63	74	70	64	9	LO PR	
302	290	274	255	273	262	248	231	243	233	221	205	213	205	194	180	188	180	170	158	167	160	152	141	HI PR	
10.6	10.3	10.0	9.7	10.1	9.7	9.5	9.3	9.5	9.5	9.0	8.8	9.0	8.7	8.5	8.3	8.4	8.1	7.9	7.7	7.8	7.6	7.4	7.3	Amps	
2.30	2.22	2.14	2.09	2.21	2.13	2.06	2.01	2.11	2.04	1.96	1.92	1.99	1.92	1.85	1.81	1.86	1.79	1.73	1.69	1.71	1.65	1.59	1.55	kΜ	006
6	14	17	18	10	14	18	19	10	15	18	19	10	15	18	19	10	15	18	19	10	14	18	19	ΔT	
0.41	0.64	0.84	0.94	0.41	0.63	0.84	0.94	0.39	0.61	0.81	0.90	0.38	0.59	0.78	0.87	0.37	0.58	0.76	0.85	0.36	0.56	0.74	0.82	S/T	
22.2	20.7	19.1	18.6	24.0	22.4	20.7	20.1	25.3	23.6	21.8	21.1	25.9	24.1	22.3	21.7	26.5	24.7	22.8	22.2	27.2	25.3	23.4	22.7	MBh	
92	98	79	74	89	84	77	72	85	80	73	69	81	92	69	65	78	73	29	63	74	69	63	59	LO PR	
299	287	272	252	271	260	246	228	241	231	218	203	211	203	192	178	186	178	169	157	166	159	150	140	HI PR	
10.5	10.2	6.6	9.7	10.0	9.7	9.4	9.5	9.5	9.5	8.9	8.7	8.9	9.8	8.4	8.2	8.3	8.1	7.8	7.7	7.8	7.5	7.3	7.2	Amps	
2.28	2.20	2.12	2.07	2.19	2.11	2.04	1.99	2.09	2.02	1.95	1.90	1.97	1.90	1.84	1.79	1.84	1.78	1.71	1.67	1.69	1.63	1.58	1.54	ΚW	800
10	14	17	19	10	15	18	20	11	15	19	20	10	15	19	20	10	15	19	20	10	15	18	20	ΔT	
0.35	0.61	0.81	06.0	0.39	09.0	0.80	0.89	0.37	0.58	0.77	0.86	0.36	0.56	0.75	0.83	0.35	0.55	0.73	0.81	0.34	0.53	0.70	0.78	S/T	
21.6	20.1	18.6	18.1	23.3	21.7	20.1	19.5	24.5	22.9	21.1	20.5	25.2	23.4	21.7	21.0	25.8	24.0	22.2	21.5	26.4	24.6	22.7	22.1	MBh	
89	84	77	72	86	81	74	70	82	77	71	29	78	74	29	63	75	71	65	61	71	29	61	58	LO PR	
290	278	263	245	263	252	238	222	233	224	212	197	205	196	186	173	180	173	164	152	161	154	146	135	HI PR	
10.2	6.6	9.6	9.4	9.7	9.4	9.2	9.0	9.5	8.9	8.7	8.5	8.7	8.4	8.2	8.0	8.1	7.9	7.7	7.5	7.6	7.4	7.2	7.0	Amps	
2.21	2.13	2.06	2.01	2.13	2.05	1.98	1.93	2.03	1.96	1.89	1.85	1.92	1.85	1.79	1.74	1.79	1.73	1.67	1.63	1.65	1.59	1.53	1.50	ΚW	700
10	14	17	19	11	15	19	20	11	16	19	21	11	15	19	20	11	15	19	20	11	15	19	20	ΔT	
0.38	0.59	0.78	0.87	0.37	0.58	0.77	98.0	0.36	0.56	0.74	0.83	0.35	0.54	0.72	0.80	0.34	0.53	0.70	0.78	0.33	0.51	0.68	0.76	S/T	
19.5	18.6	17.2	16.7	21.5	20.1	18.5	18.0	22.7	21.1	19.5	18.9	23.2	21.6	20.0	19.4	23.8	22.2	20.5	19.9	24.4	22.7	21.0	20.4	MBh	

EXPANDED RATINGS — GSC130241F* (cont.)

Main												00	TDOOR	AMBIEN	OUTDOOR AMBIENT TEMPERATURE	ERATUR	Е									
Mish				9	[2	П		7	[[П		8	^{ار}	П		95		П		105		H		115		
MBH 20.7 21.2 22.6 24.2 20.2 20.7 22.1 23.6 19.8 20.2 21.6 23.1 19.3 19.7 MBH 20.7 21.2 22.6 24.2 20.2 20.7 22.1 23.6 19.8 20.8 0.83 0.67 0.58 19.3 19.7 MBH 20.7 21.2 22.6 24.2 20.2 20.7 22.1 23.6 19.8 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85 0.85 MBH 20.7 21.5 1.60 1.7 1.64 1.68 1.74 1.81 1.76 1.80 1.85 1.85 1.85 1.95 1.91 0.85 MBH 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.8 21.8 21.8 21.8 21.8 MBH 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 21.4 21.8 21.8 21.8 MBH 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 23.4 25.0 21.9 Amps 7.1 7.2 7.4 7.5 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 Amps 7.1 7.2 7.4 7.5 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 Amps 7.1 7.2 7.4 7.5 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 Amps 7.1 7.2 7.4 7.5 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 Amps 7.1 7.2 7.2 7.3 7.3 7.4 7.5 7.8												ENTERI	NG INDO	OR WE	r BULB T	EMPER	ATURE									
MBH 20,7 21.2 22.6 24.2 20.2 20,7 22.1 23.6 19.8 20.2 21,6 23.1 19.3 19.7 70.8 3.7 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8		FLOW	29	63	29	71	59	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
AVT 0.83 0.78 0.63 0.81 0.66 0.49 0.88 0.83 0.67 0.69 0.89 0.89 0.83 0.67 0.69 0.81 0.66 0.49 0.88 0.83 0.67 0.69 0.81 0.66 0.81 0.66 0.81 0.69 0.81 0.69 0.83 0.83 0.67 0.91 0.82 0.81 0.82 0.81 0.83 0.81 0.83 0.83 0.83 0.83 0.83 8.2 8.3 8.5 8.8 8.9 8.8 8.8 8.8 8.8 8.8 8.8 8.8<		MBh	20.7	21.2	22.6	24.2	20.2	20.7	22.1	23.6	19.8	20.2	21.6	23.1	19.3	19.7	21.0	22.5	18.3	18.7	20.0	21.4	17.0 1	7.3 1	18.5	19.8
AMD AMD L35 22 19 15 22 19 15 23 22 19 15 23 22 19 15 23 22 19 15 23 22 19 15 164 168 174 181 176 180 1.87 19 15 15 160 17 164 168 174 181 176 180 1.87 19 186 191 186 191 186 191 186 191 186 191 187 186 187 188 189 180	-	S/T	0.83	0.78	0.63	0.5	98.0	0.81	99.0	0.49	0.88	0.83	0.67	0.5	0.91	0.85	69.0	0.52	0.94	0.89	0.72	0.5	0.95 0	0.89	.73 (0.54
700 KW 1.51 1.55 1.60 1.7 1.64 1.68 1.74 1.81 1.76 1.80 1.87 1.80 1.87 1.80 1.81 1.80 1.87 1.80 1.81 1.80 1.8		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
Amps 7.1 7.2 7.4 7.7 7.6 7.7 7.9 8.2 8.1 8.3 8.5 8.8 8.6 8.8 HIPR 137 147 155 162.2 154 165 174 182 175 188 198 207.0 199 214 LOPR 58 62 68 72.1 66 72 76 64 68 74 79.2 199 214 MBh 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 23.4 25.0 20.9 21.3 22.4 23.9 25.6 20.9 20.9 20.8 0.51 0.6 0.7 0.9 0.8 0.8 0.51 0.8 0.7 0.9 0.8 0.8 0.51 0.8 0.7 0.8 0.8 0.8 0.51 0.8 0.7 0.8 0.8 0.8 0.7 0.9 0.8 0.8	700	k	1.51	1.55	1.60	1.7	1.64	1.68	1.74	1.81	1.76	1.80	1.87	1.9	1.86	1.91	1.98	2.05	1.95	2.00	2.07	2.2	2.03 2	2.08 2	2.15	2.23
HIPR 137 147 155 162.2 154 165 174 182 183 198 198 2070 199 214 LOPR 58 62 68 72.1 62.2 21.9 22.4 23.9 25.6 174 182 188 198 2070 199 214 MBh 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 23.4 25.0 20.9 21.3 AT 22 21 18 15 22 22 19 15 22 22 19 15 22 22 19 18 18 18 18 18 18 18 18 18 18 18 18 18	-	Amps	7.1	7.2	7.4	7.7	9.7	7.7	7.9	8.2	8.1	8.3	8.5	8.8	9.8	8.8	9.0	9.3	0.6	9.5	9.5	8.6	9.5	9.7	10.0	10.3
MBh 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 23.4 25.0 20.9 21.3 3	-	HI PR	137	147	155	162.2	154	165	174	182	175	188	198	207.0	199	214	226	236	224	241	254 2	265.2	247 2	266 2	281	293
MBh 22.5 22.9 24.5 26.2 21.9 22.4 23.9 25.6 21.4 21.9 23.4 25.0 20.9 21.3 S/T 0.86 0.81 0.66 0.5 0.89 0.84 0.68 0.51 0.91 0.86 0.70 0.5 0.94 0.88 2.1 AT 22 21 18 15 22 22 19 15 22 22 19 15 22 29 0.94 0.88 0.70 0.85 0.70 0.5 0.94 0.88 22 Amps 7.3 7.4 7.6 7.8 7.7 7.9 8.1 8.4 8.3 8.5 8.7 9.0 8.8 9.0 HIPR 141 152 160 167.2 158 170 180 188 180 194 205 213.4 205 221 LOPR 60 64 70 74.3 68 68 74 79 66 70 77 81.6 69 74 S/T 0.90 0.85 0.69 0.5 0.93 0.88 0.71 0.53 0.96 0.90 0.73 0.5 1.00 0.93 AT 21 20 18 14 22 21 18 14 22 21 18 1.8 1.8 1.8 1.8 1.8 1.9 1.9 20 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9		LO PR	28	62	89	72.1	62	99	72	92	64	89	74	79.2	29	72	78	83	70	75	82	87.2	73	78	82	06
800 KW 1.55 1.59 1.65 0.5 0.8 0.84 0.68 0.51 0.91 0.86 0.70 0.5 0.94 0.88 0.88 0.84 0.68 0.51 0.80 0.70 0.80 0.94 0.88 0.88 0.89 0.84 0.68 0.51 0.80 0.70 0.80 0.94 0.88 0.88 0.90 0.80 0.80 0.82 0.82 0.82 0.82 0.82 0.8		MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4 1	18.8 2	20.1	21.4
MMB 23. 25. 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.6 1.7 1.9 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.9 1.9 1.9 1.8 1.8 1.8 1.9 1.9 1.9 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.8 1.9 <th>-</th> <th>S/T</th> <th>98.0</th> <th>0.81</th> <th>99.0</th> <th>0.5</th> <th>0.89</th> <th>0.84</th> <th>0.68</th> <th>0.51</th> <th>0.91</th> <th>98.0</th> <th>0.70</th> <th>0.5</th> <th>0.94</th> <th>0.88</th> <th>0.72</th> <th>0.54</th> <th>0.98</th> <th>0.92</th> <th>0.75</th> <th>9.0</th> <th>0 66.0</th> <th>0.93</th> <th>0.75 (</th> <th>0.56</th>	-	S/T	98.0	0.81	99.0	0.5	0.89	0.84	0.68	0.51	0.91	98.0	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	9.0	0 66.0	0.93	0.75 (0.56
800 KW 1.55 1.59 1.65 1.73 1.79 1.86 1.81 1.85 1.92 2.0 1.92 1.90 1.92 1.90 1.90 1.90 1.90 1.90 1.91 1.91 1.92 1.92 1.90 1.92 1.90 1.9		ΔT	22	21	18	15	22	22	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
HIPR 141 152 160 167.2 158 170 180 188 180 194 205 213.4 205 221 4 P.		κ	1.55	1.59	1.65	1.7	1.69	1.73	1.79	1.86	1.81	1.85	1.92	2.0	1.92	1.96	2.04	2.11	2.01	5.06	2.13	2.2	2.09 2	2.14 2	2.22	2.30
HIPR 141 152 160 167.2 158 170 180 188 180 194 205 213.4 205 221 221 LOPR 60 64 70 74.3 63 68 74 79 66 70 77 81.6 69 74 74 81.6 180 180 180 180 180 180 180 180 180 180		Amps	7.3	7.4	9.7	7.8	7.7	7.9	8.1	8.4	8.3	8.5	8.7	0.6	8.8	0.6	9.5	9.5	9.3	9.5	2.6	10.1	9.7	10.0	10.3	10.6
HO PR 60 64 70 74.3 63 68 74 79 66 70 77 81.6 69 74 74 74 74 74 74 74 7		HI PR	141	152	160	167.2	158	170	180	188	180	194	205	213.4	205	221	233	243	231	248	262 2	273.4	255 2	274	290	302
MBh 23.1 23.6 25.2 27.0 22.6 23.1 24.7 26.4 22.0 22.5 24.1 25.7 21.5 22.0 S/T 0.90 0.85 0.69 0.5 0.93 0.88 0.71 0.53 0.96 0.90 0.73 0.5 1.00 0.93 ΛΤ 21 20 18 14 22 21 18 14 22 21 18 1.2 21 18 1.87 1.84 1.84 1.87 1.94 20 1.93 1.98 Amps 7.3 7.5 7.7 7.9 7.8 8.0 8.2 8.4 8.5 8.8 9.1 8.9 9.0 HIPR 142 153 162 168.9 160 172 182 189 186 207 215.5 207 223		LO PR	09	64	20	74.3	63	89	74	79	99	20	77	81.6	69	74	81	98	73	77	84	8.68	75	80	87	93
S/T 0.90 0.85 0.69 0.5 0.93 0.88 0.71 0.53 0.96 0.90 0.73 0.5 1.00 0.93 ΔT 21 20 18 14 22 21 18 14 22 21 18 14 22 21 18 14 22 21 18 1.9 1.9 1.9 22 21 18 1.8 1.81 1.8 1.8 1.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.8 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.8 1.8 1.8 1.8 1.9 <		MBh	23.1	23.6	25.2	27.0	22.6	23.1	24.7	26.4	22.0	22.5	24.1	25.7	21.5	22.0	23.5	25.1	20.4	20.9	22.3	23.8	18.9 1	19.3 2	20.7	22.1
ΔT 21 20 18 14 22 21 18 14 22 21 18 14 22 21 18 14 22 21 18 14 22 21 18 14 22 21 18 14 22 21 18 19 22 21 19 22 21 19 22 21 19 19 22 21 19 19 19 19 19 19 19 19 19 19 19 19 19 19 20 20 23 HIPR 142 153 162 168.9 160 172 182 189 182 196 207 215.5 207 223		S/T	0.90	0.85	0.69	0.5	0.93	0.88	0.71	0.53	96.0	06.0	0.73	0.5	1.00	0.93	0.75	0.56	1.00	96.0	0.78	9.0	1.00 0	0.97 0	0.79 (0.59
kW 1.57 1.60 1.66 1.7 1.70 1.75 1.81 1.83 1.87 1.94 2.0 1.93 1.98 1.93 1.98 Amps 7.3 7.5 7.7 7.9 7.8 8.0 8.2 8.4 8.5 8.8 9.1 8.9 9.0 HIPR 142 153 162 168.9 160 172 182 189 186 207 215.5 207 223		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	21	21	18	14	19	19	17	13
Amps 7.3 7.5 7.7 7.9 7.8 8.0 8.2 8.4 8.5 8.8 9.1 8.9 9.0 HIPR 142 153 162 168.9 160 172 182 189 182 196 207 215.5 207 223	006	k	1.57	1.60	1.66	1.7	1.70	1.75	1.81	1.88	1.83	1.87	1.94	2.0	1.93	1.98	2.05	2.13	2.03	2.08	2.15	2.2	2.10 2	2.16 2	2.24	2.32
2 153 162 168.9 160 172 182 189 182 196 207 215.5 207 223	-	Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.2	8.4	8.4	8.5	8.8	9.1	8.9	9.0	9.3	9.6	9.3	9.5	8.6	10.1	9.8	10.0	10.3	10.7
	-	HI PR	142	153	162	168.9	160	172	182	189	182	196	207	215.5	207	223	235	245	233	251	265 2	276.1	257 2	277	293	305
65 70 75.1 64		LO PR	61	9	70	75.1	64	89	74	79	29	71	77	82.4	20	74	81	87	73	78	82	90.7	9/	81	88	94

		MBh	21.1	21.5	22.5	24.0		21.0	22.0	23.5	20.1	20.5	21.5	22.9	19.6	20.0	20.9	22.3	18.6	19.0	19.9	21.2	17.3	17.6	18.4	19.7
		S/T	0.87	0.84	92.0	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	66.0	0.95	98.0	0.70	1.00	96.0	0.87	0.71
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	19	23	22	21	15
	700	ΚW	1.52	1.56	1.62	1.68	1.66	1.70	1.76	1.82	1.78	1.82	1.89	1.96	1.88	1.93	2.00	2.07	1.97	2.02	2.09	2.17	2.05	2.10	2.17	2.26
		Amps	7.1	7.3	7.5	7.7	9.7	7.8	8.0	8.2	8.2	8.3	9.8	8.8	9.8	8.8	9.1	9.4	9.1	9.3	9.6	6.6	9.6	8.6	10.1	10
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	53
		LO PR	29	63	89	73	62	99	72	77	92	69	75	80	89	72	79	84	71	9/		88	74	78	82	6
		MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6		23.0	18.7	19.1	20.0	21
		S/T	06.0	0.87	0.79	0.64	0.93	06.0		99.0	96.0	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99		0.73	1.00	1.00	0.90	0.7
		ΔT	24	23	22	19	24	24		19	24	24	22	19	24	24	22	19	23	23		19	21	22	21	18
85	800	ΚW	1.57	1.60	1.66	1.72	1.70	1.75		1.88	1.83	1.87	1.94	2.01	1.93	1.98	2.05	2.13	2.03	2.08		2.23	2.10	2.16	2.24	2.3
		Amps	7.3	7.5	7.7	7.9	7.8	8.0		8.4	8.4	8.5	8.8	9.1	8.9	9.0	9.3	9.6	9.3	9.5		10.1	8.6	10.0	10.3	10
		HI PR	142	153	162	169	160	172		189	182	196	207	216	207	223	235	245	233	251		276	257	277	293	305
		LO PR	61	65	70	75	64	89	74	79	29	71	77	82	70	74	81	87	73	78		91	92	81	88	ð
1		MBh	23.5	24.0	25.1	26.8	23.0	23.4	24.5	297	22.4	22.9	24.0	25.6	21.9	22.3	23.4	24.9	20.8	21.2		23.7	19.3	19.6	20.6	21
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	69.0	1.00	0.97	0.87	0.71	1.00	1.00	06.0	0.73	1.00	1.00		92.0	1.00	1.00	0.94	0.
		ΔT	23	22	21	18	23	23	21	19	23	23	21	19	22	23	22	19	21	22		18	20	20	20	\vdash
	006	ΚW	1.58	1.62	1.68	1.74	1.72	1.76	1.83	1.89	1.84	1.89	1.96	2.03	1.95	2.00	2.07	2.15	2.04	2.10	2.17	2.25	2.12	2.18	2.26	7
		Amps	7.4	7.5	7.7	8.0	7.9	8.0	8.2	8.5	8.4	9.8	8.9	9.1	8.9	9.1	9.4	9.7	9.4	9.6		10.2	6.6	10.1	10.4	10.8
		HI PR	144	155	164	171	161	174	183	191	184	198	209	218	209	225	238	248	235	253		279	260	280	295	8
		LO PR	61	9	71	92	65	69	75	80	29	72	78	83	71	75	82	87	74	79	98	95	77	82	88	95
-	1		F	400										Landon A	-	10114		1								ľ

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Shaded area reflects AHRI condi

Expanded Ratings — GSC130301**

	_	_									0	UTDOO	R AMBI	OUTDOOR AMBIENT TEMPERATURE	IPERATI	JRE									
			9	65				75			~	85				95			1(105			115		
											ENTER	ENTERING INDOOR WET	OOR W	/ET BULI	BULB TEMPERATURE	RATURE									
AIRFLOW	-	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
MBh	-	25.1	26.0	28.5		24.5		27.9		23.9	24.8	27.2		23.4	24.2	26.5		22.2	23.0	25.2		20.6	21.3	23.3	
S/T		0.67	0.56	0.39	•	0.69		0.40	1	0.71	0.59	0.41	٠	0.73	0.61	0.42		0.76	0.64	0.44	,	0.77	0.64	0.44	
ΔT	_	19	16	12	1	19		12	1	19	16	12	1	19	16	12		19	16	12	,	17	15	11	1
××		1.90	1.94	1.99	٠	2.04		2.14	•	2.16	2.20	2.27	•	2.27	2.31	2.39	٠	2.36	2.41	2.48	_	2.44	2.49	2.57	
Amps		7.0	7.1	7.4	•	7.5		7.9	•	8.1	8.3	8.5	•	8.6	8.8	9.1		9.1	9.3	9.6	,	9.6	6.6	10.2	
HI PF		147	158	167	•	165		188	•	188	202	213	•	214	230	243	•	240	259	273	,	266	286	302	ı
LO PF	~	28	61	29		61		71		63	29	74	•	67	71	77		70	74	81	-	72	77	84	
MB	_	27.2	28.2	30.9	,	26.6		30.2	,	25.9	26.9	29.5	1	25.3	26.2	28.7		24.0	24.9	27.3	,	22.3	23.1	25.3	,
S/T	_	0.69	0.58	0.40	•	0.72		0.42	1	0.74	0.61	0.43	•	0.76	0.63	0.44		0.79	99.0	0.46	_	0.80	99.0	0.46	1
ΔT		18	16	12	٠	18		12	٠	18	16	12	•	19	16	12	•	18	16	12	,	17	15	11	
≷		1.94	1.98	2.04	•	2.08		2.19	1	2.21	2.26	2.33	•	2.32	2.37	2.44		2.41	2.47	2.55	,	2.50	2.55	2.63	,
Amk	SC	7.2	7.3	9.7	1	7.7		8.1		8.3	8.5	8.8	1	8.9	9.1	9.3		9.4	9.6	6.6	-	6.6	10.1	10.5	ı
H	~	152	163	172	٠	170		193	٠	193	208	220	•	220	237	250	•	248	267	282	,	274	295	311	
9	Ä	09	63	69	•	63		73	1	65	70	92	٠	69	73	80	٠	72	77	84	-	74	79	98	
MB	Ч	28.0	29.0	31.8		27.4	28.4	31.1		26.7	27.7	30.3		26.1	27.0	29.6		24.8	25.7	28.1		22.9	23.8	26.1	
S/		0.73	0.61	0.42	•	0.75		0.44	1	0.77	0.64	0.45	•	0.80	0.67	0.46	,	0.83	69.0	0.48	,	0.83	0.70	0.48	,
Δ	_	18	15	12	•	18		12	1	18	15	12	•	18	15	12	•	18	15	12	_	16	14	11	1
≥	_	1.96	2.00	2.06	•	2.10		2.21	•	2.23	2.27	2.34	•	2.34	2.39	2.46	,	2.43	2.49	2.57	,	2.52	2.57	2.65	,
Amp	S	7.2	7.4	9.7	•	7.8		8.2	•	8.4	8.6	8.8	1	8.9	9.1	9.4		9.5	9.7	10.0	-	10.0	10.2	10.5	,
H	~	153	165	174	1	172		195	ı	195	210	222	1	223	239	253	1	250	569	285	,	277	298	314	1
10 P	ية	09	64	20	1	64		74	1	99	70	77	1	69	74	81	,	73	77	84		75	80	87	

		MBh	25.5	26.3	28.5	30.5	24.9	25.7	27.8	29.8	24.4	25.1	27.1	29.1	23.8	24.5	26.5	28.4	22.6	23.2	25.2	27.0	20.9	21.5	23.3	25.0
	_	S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	98.0	0.77	0.59	0.38	0.87	0.78	0.59	0.38
	_	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	70	17	11	22	20	16	11	20	19	15	10
	831	ΚW	1.91	1.95	2.01	2.07	2.05	2.09	2.16	2.23	2.17	2.22	2.29	2.36	2.28	2.33	2.41	2.48	2.38	2.43	2.50	2.58	2.46	2.51	2.59	2.67
	_	Amps	7.1	7.2	7.4	7.7	9.7	7.7	8.0	8.3	8.2	8.4	9.8	8.9	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.6
		HI PR	149	160	169	176	167	179	189	198	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318
		LO PR	58	62	89	72	62	99	72	76	64	89	74	79	29	72	78	83	71	75	82	87	73	78	85	90
		MBh	27.7	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.4	27.2	29.4	31.6	25.7	26.5	28.7	30.8	24.5	25.2	27.3	29.5	22.7	23.3	25.2	27.1
	_	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	98.0	0.77	0.58	0.38	0.90	0.80	0.61	0.39	06.0	0.81	0.61	0.39
	_	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	70	16	11	21	20	16	11	20	18	15	10
75	950	ΚW	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.23	2.27	2.35	2.42	2.34	2.39	2.46	2.54	2.43	2.49	2.57	2.65	2.52	2.57	2.65	2.74
	_	Amps	7.2	7.4	9.7	7.9	7.8	7.9	8.2	8.5	8.4	8.6	8.8	9.5	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.6	10.9
	_	HI PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	269	285	297	277	298	314	328
		LO PR	09	64	20	74	64	89	74	79	99	20	77	82	69	74	81	86	73	77	84	90	75	80	87	93
		MBh	28.5	29.3	31.8	34.1	27.8	28.7	31.0	33.3	27.2	28.0	30.3	32.5	26.5	27.3	29.5	31.7	25.2	25.9	28.1	30.1	23.3	24.0	26.0	27.9
	_	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	_	ΔT	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	1069	ΚW	1.97	2.01	2.07	2.14	2.12	2.16	2.23	2.30	2.24	2.29	2.36	2.44	2.36	2.41	2.48	2.57	2.45	2.51	2.59	2.67	2.54	2.59	2.68	2.76
	_	Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.3	8.5	8.5	8.7	8.9	9.5	0.6	9.5	9.5	9.8	9.5	8.6	10.1	10.4	10.1	10.3	10.6	11.0
	_	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	318	331
		LO PR	61	65	71	75	64	89	75	79	29	71	77	83	70	75	81	87	73	78	85	91	92	81	88	94
IDB: Ent	ering Ind	IDB: Entering Indoor Dry Bulb Temperature	alb Temp	erature									٠,	Shaded a	Shaded area reflects ACCA (TVA) conditions	cts ACC	A (TVA)	condition	S			Amps:	Amps = outdoor unit amps (comp.+fan	r unit ar	ups (con	np.+fan)
High and	d low pre	High and low pressures are measured at the liquid and suction service val	measure	ed at the	liquid ar	nd suctio	n service	s valves.															~	:W = Tot	kW = Total system	n power

Expanded Ratings — GSC130301** (cont.)

			9								8	 												
			2	65			75	2			Ö				95				105		\exists		115	
IDB AIR											ENTERIA	IG INDC	OR WET	ENTERING INDOOR WET BULB TEMPERATURE	EMPERA	TURE								
	AIRFLOW	29	63	29	71	29	63	49	71	29	63	29	71	29	63	29	_		_	_	71 5	26 6		_
	MBh	26.0	26.6	28.4	30.3	25.4	25.9	27.7	29.6	24.8	25.3	27.1	28.9	24.2	24.7	26.4	28.2 2	23.0 2	23.5 2	25.1 2	26.8 2	21.3	21.7 23.	.2 24.8
	S/T	0.83	0.78	0.64	0.5	98.0	0.81	99.0	0.49	0.88	0.83	0.68	0.5	0.91	0.86	0.70	0.52 0	0.95	0 68.0	0.72 (0.5 0.	0.96.0	0.90 0.73	73 0.55
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24			16 2	22 2	22 1	19 15
831	Κ×	1.93	1.97	2.02	2.1	2.07	2.11	2.17	2.24	2.19	2.24	2.31	2.4	2.30	2.35	2.42	2.50 2	2.39 2			2.6 2.	2.48 2.	2.53 2.6	2.61 2.70
	Amps	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	0.6	8.8	0.6	9.3			9.5	9.8	10.2 9	9.8 10	10.0	10.4 10.7
	HI PR	150	161	171	177.8	168	181	191	200	191	206	218	227.0	218	235	248	258	245		•	290.8 2	271 2	292 30	308 321
	LO PR	29	63	89	72.9	62	99	72	17	65	69	75	80.1	89	72	79	84	71		83 8	88.1	74 7	78 8	86 91
	MBh	28.2	28.8	30.7	32.9	27.5	28.1	30.0	32.1	56.9	27.4	29.3	31.3	26.2	26.8	28.6	30.6	24.9	25.4 2	27.2 2	29.0 23	23.1 23	23.6 25.2	.2 26.9
	S/T	0.86	0.81	99.0	0.5	0.89	0.84	0.68	0.51	0.92	98.0	0.70	0.5				0.54 0	0.98				0.99 0.	~	0.76 0.57
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20		22 2		18 15
80 950	×	1.97	2.01	2.07	2.1	2.12	2.16	2.23	2.30	2.25	2.29	2.36	2.4					2.45			2.7 2.		2.59 2.0	2.68 2.
	Amps	7.3	7.5	7.7	7.9	7.8	8.0	8.3	8.5	8.5	8.7	8.9	9.5	0.6	9.5	9.5	8.6		9.8			10.1	10.3 10	10.6 11.0
	HI PR	155	166	176	183.3	174	187	197	206	197	212	224	234.0	225	242	256		253		287 29	299.8 2	279 3	301 31	318 331
	LO PR	61	65	71	75.2	64	89	75	79	29	71	77	82.5	70	75	81	87	73	78	85 9	6.06	3 92	81 8	88 94
	MBh	29.0	29.6	31.7	33.9	28.3	29.0	30.9	33.1	27.7	28.3	30.2	32.3				⊢				29.9	23.7 24	24.3 25	25.9 27.7
	S/T	0.91	0.85	0.69	0.5	0.94	0.88	0.72	0.54	96.0	0.90	0.73	0.5		0.93	0.76 (_	1.00	_	0.79 (0.6 1.	1.00 1.	1.00 0.79	79 0.59
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22		19	15 2	20 2	21 13	18 14
1069		1.99	2.03	2.09	2.2	2.13	2.18	2.24	2.32	2.26	2.31	2.38	2.5	2.38	2.43	2.51	2.59 2	2.47 2	~		2.7 2.	2.56 2.	2.61 2.7	2.70 2.79
	_	7.4	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.5	8.7	0.6	9.3	9.1	9.3	9.6			` .		10.5 10	10.2	10.4 10	11.1
	HI PR	156	168	178	185.2	175	189	199	208	199	215	227	236.3	227	244	258	269	255	275 2	290 30	302.8 2	282 3	304 321	21 335
	LO PR	61	65	71	75.9	65	69	75	80	29	72	78	83.4	71	75	82	88	74	79	86 98	91.8	3 22	82 89	9 95

26.4 27.0 28.2 30.1 25.8 26.3 0.87 0.84 0.76 0.62 0.90 0.87 26 25 24 21 26 25 1.94 1.98 2.04 2.10 2.08 2.13 7.2 7.3 7.5 7.8 7.7 7.9 152 163 172 180 170 183 60 63 69 74 63 67 28.7 29.2 30.6 32.6 28.5 28.5 0.91 0.87 0.79 0.64 0.94 0.91 2.5 25 23 20 25 25 1.99 2.03 2.09 2.15 2.13 2.18 7.4 7.5 7.7 8.0 7.9 8.1 156 168 178 185 175 189 61 65 30.1 2.6 69 29 <th>MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 0.93 AT 26 25 24 2.1 26 25 24 2.1 26 KW 1.94 1.98 2.04 2.10 2.08 2.13 2.19 2.26 2.21 Amps 7.2 7.3 7.5 7.8 7.7 7.9 8.1 8.4 8.3 LO PR 6.0 6.3 6.9 7.4 6.3 6.7 7.3 7.8 6.7 AMBh 28.7 29.2 30.6 32.6 28.0 28.5 29.9 31.9 27.3 AV 1.99 2.03 2.06 0.94 0.91 0.82 0.96 0.94 0.91 0.82 0.92 0.96 0.94 0.91 0.82 0.93 0.96</th> <th>MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 25.7 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 0.93 0.90 AT 26 25 24 21 26 25 24 21 26 25 24 21 26 25 25 22 22 22 25 20</th> <th>MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 AT 26 25 24 21 26 25 24 21 kW 1.94 1.98 2.04 2.10 2.08 2.13 2.19 2.26 HIPR 1.52 163 172 180 170 183 193 202 LOPR 60 63 69 74 63 67 73 78 MBh 28.7 29.2 30.6 32.6 28.0 28.0 31.0 20.2 AT 29.7 30.6 32.6 28.0 28.5 29.9 31.9 20.6 AT 29.2 30.3 30.6 32.6 28.7 30.8 31.0 Amps 7.4 7.5 7.7 8.0 7.9 8.1</th> <th>MBH 264 270 28.2 30.1 55.8 26.3 27.6 29.4 25.2 25.7 6.9 28.7 24.6 25.1 26.9 28.7 24.6 25.1 26.9 28.7 24.6 25.7 26.9 28.7 24.6 25.9 28.7 24.6 25.9 28.7 24.0 26.9 28.7 24.7 26.9 28.7 26.9 28.7 24.7 26.9 28.8 29.9 29.4 21.0 26.8 27.9 21.4 26.9 28.8 29.9 23.7 24.9 24.7 26.7 26.7 26.9 28.7 26.9 28.7 26.9 28.8 29.9 23.7 27.9 28.8 28.9 29.9 27.9 27.9 27.9 27.9 27.9 28.7 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.</th> <th>MBH 264 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 25.7 26.9 28.7 28.6 28.9 28.7 28.9 2</th> <th>MBH 264 270 28.2 30.1 25.9 28.9 28.9 4.6 25.1 26.3 26.9 28.7 26.9 28.7 4.6 25.1 26.3 26.9 28.9</th> <th></th> <th>85</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>1</th> <th></th> <th></th> <th></th>	MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 0.93 AT 26 25 24 2.1 26 25 24 2.1 26 KW 1.94 1.98 2.04 2.10 2.08 2.13 2.19 2.26 2.21 Amps 7.2 7.3 7.5 7.8 7.7 7.9 8.1 8.4 8.3 LO PR 6.0 6.3 6.9 7.4 6.3 6.7 7.3 7.8 6.7 AMBh 28.7 29.2 30.6 32.6 28.0 28.5 29.9 31.9 27.3 AV 1.99 2.03 2.06 0.94 0.91 0.82 0.96 0.94 0.91 0.82 0.92 0.96 0.94 0.91 0.82 0.93 0.96	MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 25.7 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 0.93 0.90 AT 26 25 24 21 26 25 24 21 26 25 24 21 26 25 25 22 22 22 25 20	MBh 26.4 27.0 28.2 30.1 25.8 26.3 27.6 29.4 S/T 0.87 0.84 0.76 0.62 0.90 0.87 0.79 0.64 AT 26 25 24 21 26 25 24 21 kW 1.94 1.98 2.04 2.10 2.08 2.13 2.19 2.26 HIPR 1.52 163 172 180 170 183 193 202 LOPR 60 63 69 74 63 67 73 78 MBh 28.7 29.2 30.6 32.6 28.0 28.0 31.0 20.2 AT 29.7 30.6 32.6 28.0 28.5 29.9 31.9 20.6 AT 29.2 30.3 30.6 32.6 28.7 30.8 31.0 Amps 7.4 7.5 7.7 8.0 7.9 8.1	MBH 264 270 28.2 30.1 55.8 26.3 27.6 29.4 25.2 25.7 6.9 28.7 24.6 25.1 26.9 28.7 24.6 25.1 26.9 28.7 24.6 25.7 26.9 28.7 24.6 25.9 28.7 24.6 25.9 28.7 24.0 26.9 28.7 24.7 26.9 28.7 26.9 28.7 24.7 26.9 28.8 29.9 29.4 21.0 26.8 27.9 21.4 26.9 28.8 29.9 23.7 24.9 24.7 26.7 26.7 26.9 28.7 26.9 28.7 26.9 28.8 29.9 23.7 27.9 28.8 28.9 29.9 27.9 27.9 27.9 27.9 27.9 28.7 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.9 28.	MBH 264 27.0 28.2 30.1 25.8 26.3 27.6 29.4 25.2 25.7 26.9 28.7 28.6 28.9 28.7 28.9 2	MBH 264 270 28.2 30.1 25.9 28.9 28.9 4.6 25.1 26.3 26.9 28.7 26.9 28.7 4.6 25.1 26.3 26.9 28.9											85							1			
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25.2 0.93 26 2.21 8.3 193 65 65 27.3 0.96 25 2.26 8.5 199 67 28.1 1.00 24 2.28 8.5 8.5 8.5 8.5 8.7 8.7 8.7 8.7 8.8 8.7 8.7 8.7 8.7 8.7		25.7 0.90 25 2.26 8.5 208 70 27.9 0.93 25 2.31 8.7 215 72 24 24 2.33 8.8 8.8 8.8	25.7 26.9 0.90 0.81 25 24 2.26 2.33 8.5 8.8 2.08 220 70 76 27.9 29.2 0.93 0.84 25 24 25 24 2.31 2.38 87 72 78 221 2.27 72 78 28.7 30.0 0.97 0.88 24 23 2.33 2.40 8.8 9.1 217 229	25.7 26.9 28.7 24.6 25.1 26.3 28.0 23.4 0.90 0.81 0.66 0.96 0.92 0.83 0.68 0.99 25 24 21 26 26 24 21 26 2.26 2.33 2.40 2.32 2.37 2.44 2.52 2.41 2.08 2.20 2.29 2.20 2.37 2.50 2.61 248 70 76 8.1 69 73 80 85 72 27.9 2.9.2 31.1 26.7 27.2 28.5 30.4 25.3 27.9 2.9.2 31.1 26.7 27.2 28.5 30.4 25.3 27.9 2.9 2.9 0.96 0.96 0.86 0.70 1.00 27.9 2.4 2.7 2.8 2.4 2.5 2.4 2.2 28.1 2.8 2.4 2.8 2.4 2.5 <td>25.7 26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 0.90 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 25 24 21 26 26 24 21 26 25 2.26 2.33 2.40 2.32 2.37 2.44 2.52 2.41 2.47 8.5 8.8 9.1 8.8 9.1 9.3 9.7 9.4 9.6 208 2.20 2.29 2.29 2.37 2.44 2.52 2.41 2.47 20.8 2.0 2.2 2.27 2.46 2.52 2.41 2.77 27.9 2.0 2.3 2.0 2.2 2.7 2.7 27.9 2.0 2.2 2.4 2.7 2.7 2.8 27.0 2.2 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7</td> <td>25.7 26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 25.0 0.90 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 0.97 25 24 21 26 26 24 21 26 25 24 2.26 2.33 2.40 2.32 2.37 2.44 2.52 241 2.47 2.52 24 2.71 247 2.54 2.52 241 2.52 241 2.48 2.67 249 9.6 9.9</td> <td>29.4</td> <td>0.64</td> <td>21</td> <td>2.26</td> <td>8.4</td> <td>202</td> <td>78</td> <td>31.9</td> <td>99.0</td> <td>20</td> <td>2.32</td> <td>9.8</td> <td>208</td> <td>80</td> <td>32.8</td> <td>0.69</td> <td>20</td> <td>2.33</td> <td>8.7</td> <td>210</td> <td>81</td>	25.7 26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 0.90 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 25 24 21 26 26 24 21 26 25 2.26 2.33 2.40 2.32 2.37 2.44 2.52 2.41 2.47 8.5 8.8 9.1 8.8 9.1 9.3 9.7 9.4 9.6 208 2.20 2.29 2.29 2.37 2.44 2.52 2.41 2.47 20.8 2.0 2.2 2.27 2.46 2.52 2.41 2.77 27.9 2.0 2.3 2.0 2.2 2.7 2.7 27.9 2.0 2.2 2.4 2.7 2.7 2.8 27.0 2.2 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	25.7 26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 25.0 0.90 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 0.97 25 24 21 26 26 24 21 26 25 24 2.26 2.33 2.40 2.32 2.37 2.44 2.52 241 2.47 2.52 24 2.71 247 2.54 2.52 241 2.52 241 2.48 2.67 249 9.6 9.9	29.4	0.64	21	2.26	8.4	202	78	31.9	99.0	20	2.32	9.8	208	80	32.8	0.69	20	2.33	8.7	210	81
	25.7 0.90 25 2.26 8.5 208 70 70 27.9 0.93 25 2.31 8.7 215 72 28.7 0.97 24 2.33 8.8 8.8		26.9 0.81 24 2.33 8.8 8.8 220 76 29.2 0.84 2.38 9.0 227 78 30.0 0.88 23 2.40 9.1	26.9 28.7 24.6 25.1 26.3 28.0 23.4 0.81 0.66 0.96 0.92 0.83 0.68 0.99 24 21 26 26 24 21 26 2.33 2.40 2.32 2.37 2.44 2.52 2.41 8.8 9.1 8.8 9.1 9.3 9.7 9.4 220 229 220 237 250 261 248 76 81 69 73 80 85 72 29.2 31.1 26.7 27.2 28.5 30.4 25.3 29.2 31.1 26.7 27.2 28.5 30.4 25.3 29.3 2.46 2.78 2.49 2.7 24 27 29.4 2.0 2.2 24 2.1 25 24 29.3 2.46 2.4 2.1 25 24 27 29.4	26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 24 21 26 26 24 21 26 25 2.33 2.40 2.32 2.37 2.44 2.52 2.41 2.47 8.8 9.1 9.3 9.7 9.4 9.6 9.6 9.6 220 220 237 2.50 261 248 267 77 76 81 69 73 80 85 72 77 29.2 31.1 26.7 27.2 28.5 30.4 25.3 25.8 29.8 0.99 0.96 0.86 0.70 1.00 0.99 25 24 21 25 25 25 25 25 25 25 25 25 25 25 25 25 25 24 <	26.9 28.7 24.6 25.1 26.3 28.0 23.4 23.8 25.0 0.81 0.66 0.96 0.92 0.83 0.68 0.99 0.96 0.87 2.4 2.1 26 24 2.1 26 25 24 2.33 2.40 2.32 2.37 2.44 2.52 2.41 2.47 2.54 8.8 9.1 8.8 9.1 9.3 9.7 9.4 9.6 9.9 20.0 2.20 2.37 2.44 2.52 2.41 2.47 2.54 20.0 3.11 2.67 2.72 2.85 30.4 3.6 9.9 9.6 9.9 20.2 3.11 2.67 2.72 2.85 30.4 2.5.3 2.7 2.7 2.8 20.8 0.96 0.96 0.86 0.70 1.00 0.99 0.90 0.90 0.90 0.90 0.90 0.90 0.90 0.90 <td>25.2</td> <td>0.93</td> <td>26</td> <td>2.21</td> <td>8.3</td> <td>193</td> <td>92</td> <td>27.3</td> <td>96.0</td> <td>25</td> <td>2.26</td> <td>8.5</td> <td>199</td> <td>29</td> <td>28.1</td> <td>1.00</td> <td>24</td> <td>2.28</td> <td>9.8</td> <td>201</td> <td>89</td>	25.2	0.93	26	2.21	8.3	193	92	27.3	96.0	25	2.26	8.5	199	29	28.1	1.00	24	2.28	9.8	201	89
28.7 0.66 21 2.40 9.1 229 81 31.1 0.68 20 2.46 9.3 236 83 32.1 0.71 0.71 20 2.48		24.6 0.96 2.6 2.32 8.8 8.8 2.20 69 26.7 0.99 27 71 227 71 227 24 2.40 9.2 229 71 71 71 71 71 71 71 71 71 71 71 71 71		28.0 23.4 0.68 0.99 2.1 26 2.52 2.41 9.7 9.4 261 2.83 0.70 1.00 2.1 2.59 2.47 9.9 9.6 2.69 2.59 8.8 74 3.1.3 26.1 0.74 1.00 2.0 2.61 2.75 2.61 2.75 2.61 2.75 2.75 2.75 2.75 2.81 2.75 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.75 2.81 2.81 2.81 2.81 2.81 2.81 2.81 2.81	28.0 23.4 23.8 0.68 0.99 0.96 21 26 25 2.52 2.41 2.47 9.7 9.4 9.6 261 248 267 85 72 77 30.4 25.3 25.8 0.70 1.00 0.99 21 25 25 259 2.47 2.53 9.9 9.6 9.9 269 255 275 88 74 79 31.3 26.1 26.6 0.74 1.00 1.00 20 22 23 20 22 23 20 2.61 2.55 10.0 9.7 9.9 272 258 278 288 75 80	28.0 23.4 23.8 25.0 0.68 0.99 0.96 0.87 21 26 25 24 2.52 2.41 2.47 2.54 9.7 9.4 9.6 9.9 261 248 267 282 85 72 77 84 30.4 25.3 25.8 27.0 0.70 1.00 0.99 0.90 21 25 25 23 2.59 2.47 2.53 2.61 9.9 9.6 9.9 10.2 269 255 275 290 88 74 79 86 31.3 26.1 26.6 27.8 0.74 1.00 1.00 0.94 20 22 23 23 26 25 26 25 27 28 29 20 22 23 23	25.1	0.92	56	2.37	9.1	237	73	27.2	96.0	25	2.43	9.3	244	75	28.0	1.00	24	2.45	9.4	247	9/
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10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 25.5 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 21.00 1.00 21 21 22.58 2.64 10.3 10.5 285 307</td><td>22.1 0.97 2.4 2.55 10.1 295 79 23.9 1.00 23 2.61 10.4 304 82 24.6 1.00 21 2.64 1.00 21 2.64 1.00 21 2.64 2.64 82 2.64 82 2.64 82 82 82 82 82 82 82 82 82 82 82 82 82</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>89 95</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td></td>	24.6 25.1 26.3 28.0 23.4 23.8 25.0 26.6 21.7 22.1 0.96 0.92 0.96 0.87 0.70 1.00 0.97 26 26 24 21 26 25 24 21 24 24 2.32 2.37 2.44 2.52 2.41 2.47 2.54 2.63 2.50 2.55 8.8 9.1 9.3 9.7 9.4 9.6 9.9 10.3 9.9 10.1 200 237 250 261 248 267 282 294 274 2.55 69 73 80 85 72 77 84 89 74 79 69 73 80 85 72 77 84 89 74 79 69 73 80 80 100 0.99 0.90 0.90 0.90 100 100 71 </td <td>25.1 26.3 28.0 23.4 23.8 25.0 26.6 21.7 22.1 0.92 0.83 0.68 0.99 0.96 0.87 0.70 1.00 0.97 26 2.4 2.1 2.6 2.5 2.4 2.1 2.4 2.4 2.2 2.37 2.44 2.52 2.41 2.47 2.54 2.63 2.50 2.55 9.1 9.3 9.7 9.4 9.6 9.9 10.3 9.9 10.1 2.55 237 2.50 2.61 2.48 2.4 2.7 2.84 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 2.9 10.1 2.0 2.5 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 <</td> <td>26.3 28.0 23.4 23.8 25.0 26.5 21.7 22.1 0.83 0.68 0.99 0.96 0.87 0.70 1.00 0.97 2.44 2.52 2.41 2.47 2.54 2.63 2.50 2.55 9.3 9.7 9.4 9.6 9.9 10.3 9.9 10.1 250 2.61 2.48 2.67 2.82 2.94 2.74 2.95 80 85 7.2 77 84 89 74 79 28.5 30.4 2.5.3 2.58 2.70 2.88 10.1 100 28.5 30.4 2.5.3 2.58 2.70 2.88 23.5 23.9 28.6 0.70 1.00 0.99 0.90 0.73 1.00 1.00 29.6 9.9 1.0.2 1.0.2 1.0.2 1.00 1.00 29.6 9.9 1.0.2 2.5 2.5 2.5<td>26.6 21.7 22.1 0.70 1.00 0.97 21 24 24 2.63 2.50 2.55 10.3 9.9 10.1 294 274 295 89 74 79 28.8 23.5 23.9 0.73 1.00 1.00 20 23 23 269 2.56 2.61 10.5 10.2 10.4 303 282 304 92 77 82 29.7 24.2 24.6 0.76 1.00 1.00 20 2 2.64 10.6 1.03 10.5 306 2.58 2.64 10.6 10.3 10.5 306 285 307 307 285 307 308 285 307 307 277 82 308 285</td><td>21.7 22.1 1.00 0.97 24 24 2.50 2.55 9.9 10.1 274 295 74 79 23.5 23.9 1.00 1.00 23 23 2.56 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 25.5 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 21.00 1.00 21 21 22.58 2.64 10.3 10.5 285 307</td><td>22.1 0.97 2.4 2.55 10.1 295 79 23.9 1.00 23 2.61 10.4 304 82 24.6 1.00 21 2.64 1.00 21 2.64 1.00 21 2.64 2.64 82 2.64 82 2.64 82 82 82 82 82 82 82 82 82 82 82 82 82</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>89 95</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	25.1 26.3 28.0 23.4 23.8 25.0 26.6 21.7 22.1 0.92 0.83 0.68 0.99 0.96 0.87 0.70 1.00 0.97 26 2.4 2.1 2.6 2.5 2.4 2.1 2.4 2.4 2.2 2.37 2.44 2.52 2.41 2.47 2.54 2.63 2.50 2.55 9.1 9.3 9.7 9.4 9.6 9.9 10.3 9.9 10.1 2.55 237 2.50 2.61 2.48 2.4 2.7 2.84 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 10.1 2.9 2.9 10.1 2.0 2.5 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 <	26.3 28.0 23.4 23.8 25.0 26.5 21.7 22.1 0.83 0.68 0.99 0.96 0.87 0.70 1.00 0.97 2.44 2.52 2.41 2.47 2.54 2.63 2.50 2.55 9.3 9.7 9.4 9.6 9.9 10.3 9.9 10.1 250 2.61 2.48 2.67 2.82 2.94 2.74 2.95 80 85 7.2 77 84 89 74 79 28.5 30.4 2.5.3 2.58 2.70 2.88 10.1 100 28.5 30.4 2.5.3 2.58 2.70 2.88 23.5 23.9 28.6 0.70 1.00 0.99 0.90 0.73 1.00 1.00 29.6 9.9 1.0.2 1.0.2 1.0.2 1.00 1.00 29.6 9.9 1.0.2 2.5 2.5 2.5 <td>26.6 21.7 22.1 0.70 1.00 0.97 21 24 24 2.63 2.50 2.55 10.3 9.9 10.1 294 274 295 89 74 79 28.8 23.5 23.9 0.73 1.00 1.00 20 23 23 269 2.56 2.61 10.5 10.2 10.4 303 282 304 92 77 82 29.7 24.2 24.6 0.76 1.00 1.00 20 2 2.64 10.6 1.03 10.5 306 2.58 2.64 10.6 10.3 10.5 306 285 307 307 285 307 308 285 307 307 277 82 308 285</td> <td>21.7 22.1 1.00 0.97 24 24 2.50 2.55 9.9 10.1 274 295 74 79 23.5 23.9 1.00 1.00 23 23 2.56 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 25.5 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 21.00 1.00 21 21 22.58 2.64 10.3 10.5 285 307</td> <td>22.1 0.97 2.4 2.55 10.1 295 79 23.9 1.00 23 2.61 10.4 304 82 24.6 1.00 21 2.64 1.00 21 2.64 1.00 21 2.64 2.64 82 2.64 82 2.64 82 82 82 82 82 82 82 82 82 82 82 82 82</td> <td></td> <td>89 95</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	26.6 21.7 22.1 0.70 1.00 0.97 21 24 24 2.63 2.50 2.55 10.3 9.9 10.1 294 274 295 89 74 79 28.8 23.5 23.9 0.73 1.00 1.00 20 23 23 269 2.56 2.61 10.5 10.2 10.4 303 282 304 92 77 82 29.7 24.2 24.6 0.76 1.00 1.00 20 2 2.64 10.6 1.03 10.5 306 2.58 2.64 10.6 10.3 10.5 306 285 307 307 285 307 308 285 307 307 277 82 308 285	21.7 22.1 1.00 0.97 24 24 2.50 2.55 9.9 10.1 274 295 74 79 23.5 23.9 1.00 1.00 23 23 2.56 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 25.5 2.61 10.2 10.4 282 304 77 82 24.2 24.6 1.00 1.00 21 21 21.00 1.00 21 21 22.58 2.64 10.3 10.5 285 307	22.1 0.97 2.4 2.55 10.1 295 79 23.9 1.00 23 2.61 10.4 304 82 24.6 1.00 21 2.64 1.00 21 2.64 1.00 21 2.64 2.64 82 2.64 82 2.64 82 82 82 82 82 82 82 82 82 82 82 82 82														89 95							

Amps = outdoor unit amps (comp.+fan) kW = Total system power

Shaded area reflects AHRI conditions

Expanded Cooling Data — $\mathbf{GSC130361G}^*$

			71	_	_	_	_	,	_			,	_	_	_			-	_	_	_	,	_	_
			67	27.9	0.45	12	3.13	13.0	290	85	30.2	0.46	12	3.21	13.4	299	88	31.2	0.49	11	3.23	13.5	302	89
	115		63		0.64	16	3.03		274	78	,,		15		12.9	283	80	28.4 3	_		3.13 3		586	81
			29		0.77 0	18	2.97		255	73	26.6	0.80		3.04		263	92	27.4 2	0.84	17	3.07	12.7		92
			71	-	<u> </u>	_		'		_	,	<u> </u>	_	1		_	-	-	<u> </u>	_	-	,		_
			29	30.1	0.44	13	3.03	12.3	262	82	32.7	0.46	13	3.10	12.6	270	85	33.6	0.48	12	3.13	12.7	273	86
	105		63	27.5	0.64	17	2.93	11.9	248	75	29.8	99.0	16	3.01	12.2	256	78	30.7	69.0	16	3.03	12.3	259	79
			29	26.5	92.0	19	2.87	11.6	231	71	28.8	0.79	19	2.94	11.9	238	73	29.6	0.83	18	2.97	12.1	240	74
			71	-	,	,	_	,	,	-		,	_	,	_	_	-		,	,	_	,	,	
Ë		ATURE	29	31.7	0.43	13	2.91	11.6	233	79	34.4	0.44	13	2.98	11.9	240	81	35.4	0.46	12	3.00	12.0	243	82
ERATUR	95	FEMPER	63	29.0	0.62	17	2.82	11.2	221	72	31.4	0.64	17	2.89	11.5	228	74	32.3	0.67	16	2.91	11.6	230	75
OUTDOOR AMBIENT TEMPERATURE		ENTERING INDOOR WET BULB TEMPERATURE	59	27.9	0.74	20	2.76	10.9	205	89	30.3	92.0	19	2.83	11.2	212	70	31.2	0.80	19	2.85	11.3	214	70
AMBIE		OR WE	71	-	,	,	_	,	,	,	,	,	-	,	,	,	-		,	,	-	,	,	,
TDOOR	5	NG INDC	29	32.5	0.41	13	2.77	10.8	205	75	35.2	0.43	13	2.84	11.1	211	77	36.3	0.45	12	2.86	11.2	213	78
õ	85	ENTERI	63	29.7	09.0	17	2.68	10.5	194	69	32.2	0.62	17	2.75	10.8	200	71	33.1	0.65	16	2.77	10.9	202	71
			59	28.6	0.71	20	2.63	10.3	180	64	31.0	0.74	19	2.69	10.5	186	99	32.0	0.78	18	2.71	10.6	188	67
			71	-	,	,	,	,	'	,	1	,	_	,	_	'	-		,	,	,	,	,	,
	75		67	33.3	0.40	13	2.61	10.0	180	72	36.1	0.42	13	2.67	10.3	186	74	37.2	0.44	12	2.69	10.4	187	75
	7		63	30.4	0.58	17	2.53	9.7	170	99	32.9	09.0	17	2.59	10.0	176	89	33.9	0.63	16	2.61	10.1	178	69
			59	29.3	0.70	19	2.48	9.5	158	62	31.8	0.72	19	2.54	9.7	163	64	32.7	0.76	18	2.56	8.6	165	65
			71	1	,	1	1	1	1		1	,	1	1	1	1	-		1	1	1	1	1	,
	65		29	34.1	0.39	13	2.43	9.3	160	89	36.9	0.40	12	2.49	9.5	165	70	38.1	0.42	12	2.51	9.6	167	71
	٦		63	31.1	0.56	17	2.36	9.0	152	62	33.7	0.58	16	2.42	9.2	157	64	34.7	0.61	16	2.43	9.3	158	65
			29	30.0	0.67	19	2.31	8.8	141	29	32.5	0.70	19	2.37	9.0	146	09	33.5	0.73	18	2.39	9.1	147	61
			AIRFLOW	MBh	S/T	ΔT	ΚW	Amps	HI PR	LO PR	MBh	S/T	ΔT	Κ	Amps	HI PR	LO PR	MBh	S/T	ΔT	ΚW	Amps	HI PR	LO PR
			AIRF				963							1100							1238			
			IDB											20										

		MBh	30.5	31.4 34	34.0 36.5	5 29.8	3 30.7	33.2	2 35.7	29.1	30.0	32.5	34.8	28.4	29.3	31.7	34.0	27.0	27.8	30.1	32.3	25.0	25.7	7.9	29.9
		T/S	0.76 0.	0.68 0.5	0.52 0.33	3 0.79	9 0.71	0.54	1 0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	22 2	21 1	17 12	2 23		17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	963	××	2.33 2.	2.38 2.4	2.45 2.52	2 2.50		2.63	3 2.71	2.65	2.71	2.79	2.88	2.78	2.84	2.93	3.03	2.90	2.96	3.05	3.15	2.99	3.06	3.16	3.26
		Amps	8.9	9.1 9.	9.4 9.7	9.6	9.8	10.1	1 10.5	10.4	10.6	10.9	11.3	11.0	11.3	11.7	12.1	11.7	12.0	12.4	12.9	12.4	12.7	.3.1	13.6
		HI PR	143 1	153 16	162 169	9 160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305
		LO PR	29 (63 6	69 73	3 63	29	73	77	65	69	92	81	89	73	79	85	72	92	83	68	74	79	98	95
		MBh	33.1 3	34.1 36	36.9 39.6	.6 32.3	3 33.3		38.7	31.5	32.5	35.2	37.7	30.8	31.7	34.3	36.8	29.2	30.1	32.6	35.0	27.1	27.9	30.2	32.4
		S/T	0.79 0.	0.71 0.5	0.54 0.34	14 0.82	2 0.73	0.56	5 0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	06.0	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	22 2	20 1	17 11	1 22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
75	1100	ΚW	2.39 2.	2.43 2.5	2.51 2.58	8 2.56	5 2.61	2.69	9 2.78	2.72	2.77	2.86	2.95	2.85	2.91	3.00	3.10	2.97	3.03	3.13	3.23	3.07	3.13	3.24	3.34
		Amps	9.1	9.3 9.	9.6 10.0	0 9.8	10.1	10.4	t 10.7	10.6	10.9	11.2	11.6	11.3	11.6	12.0	12.4	12.1	12.3	12.7	13.2	12.7	13.1	13.5	14.0
		HI PR	147 1	158 16	167 174	4 165	178	187	, 196	188	202	213	222	214	230	243	253	240	259	273	285	566	286	302	315
		LO PR	61 (65 7	71 76	5 65	69	75	80	29	71	78	83	20	75	82	87	74	79	98	91	92	81	89	95
		MBh	34.1 3	35.1 38	38.0 40.8	.8 33.3		37.1	1 39.8	32.5	33.5	36.2	38.9	31.7	32.6	35.3	37.9	30.1	31.0	33.6	36.0	27.9	28.7	31.1	33.4
		S/T	0.83 0.	0.74 0.5	0.56 0.36	98.0 99	5 0.77	0.58	3 0.37	0.88	0.79	09.0	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65 (0.42
		ΔT	21 1	19 1	16 11	1 21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	1238	ΚW	2.40 2.	2.45 2.5	2.53 2.60	0 2.58	8 2.63	2.72	2 2.80	2.74	2.79	2.88	2.97	2.87	2.94	3.03	3.13	2.99	3.06	3.15	3.26	3.09	3.16	3.26	3.37
		Amps	9.2	9.4 9.	9.7 10.0	0.9	10.1	10.5	5 10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
		HI PR	148 1	160 16	169 176	6 167	7 179	189	197	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318
		LO PR	62 (2 99	72 76	5 65	69	26	81	89	72	79	84	71	92	83	88	75	79	87	95	77	82	90	95
IDB: Ente	ering Ind	IDB: Entering Indoor Dry Bulb Temperature	o Tempera	ture									Shaded a	Shaded area reflects ACCA (TVA) conditions	cts ACC/	(TVA)	onditions				Amps =	Amps = outdoor unit amps (comp.+fan	unit am	s (comp	o.+fan)
High and	l low pre	High and low pressures are measured at the liquid and suction service valves	neasured a	at the liqu	id and su	ction serv	ice valves	٠,٠														₹	kW = Total system		power

Expanded Cooling Data — $\mathbf{GSC130361G}^*$ (cont.)

												0	TDOOR	AMBIE	OUTDOOR AMBIENT TEMPERATURE	ERATUR	2									
				9	65			'`	75			85	إرا			95				105				115		
												ENTERI	NG INDC	ENTERING INDOOR WET		BULB TEMPERATUR	ATURE									
IDB	AIR	FLOW	29	63	29	71	29	_	29	71	65	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
		MBh	31.1	31.8	33.9	36.3	30.4	ł	33.1	35.4	29.6	30.3	32.4	34.6	28.9	29.5	31.6	33.7	27.5	28.1	30.0	32.1	25.4	26.0	27.8	29.7
		S/T	0.84	0.79	0.64	0.5	0.87		99.0	0.50	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.5	96.0	0.90	0.73	0.55
		ΔT	25	24	21	17	25		21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
	963	Ϋ́	2.35	2.40	2.47	2.5	2.52		2.65	2.73	2.67	2.73	2.81	5.9	2.81	2.87	2.96	3.05	2.92	2.98	3.08	3.2	3.02	3.08	3.18	3.29
		Amps	9.0	9.5	9.5	8.6	9.7		10.2	10.6	10.5	10.7	11.0	11.4	11.1	11.4	11.8	12.2	11.8	12.1	12.5	13.0	12.5	12.8	13.2	13.7
		HI PR	144	155	164	170.7	162		184	192	184	198	209	217.9	209	225	238	248	236	253	268 2	279.2	260	280	596	308
		LO PR 60	09	64	20	74.1	63	29	73	78	99	20	9/	81.3	69	73	8	82	72	77	84 8	89.5	75	80	87	93
		MBh	33.7	34.4	36.8	39.3	32.9	l	35.9	38.4	32.1	32.8	35.1	37.5	31.3	32.0	34.2	36.6	29.8	30.4	32.5	34.7	27.6	28.2	30.1	32.2
		S/T	0.87	0.81	99.0	0.5	0.90		0.69	0.51	0.92	0.87	0.70	0.5	0.95	0.89	0.73	0.54	66.0	0.93	0.75	9.0	1.00	0.93	92.0	0.57
		ΔT	24	23	20	16	25		21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15
80	1100	Ϋ́	2.40	2.45	2.53	2.6	2.58		2.72	2.80	2.74	2.79	2.88	3.0	2.87	2.94	3.03	3.13	2.99	3.06	3.15	3.3	3.09	3.16	3.26	3.37
		Amps	9.5	9.4	9.7	10.1	6.6		10.5	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1
		HI PR	149	160	169	176.0	167		189	198	190	204	215	224.6	216	232	245	256	243	261	276 2	287.8	268	588	305	318
		LO PR	62	99	72	76.4	65		92	81	89	72	79	83.8	71	9/	83	88	75	79	87	92.3	77	82	90	95
		MBh	34.7	35.4	37.9	40.5	33.9		37.0	39.5	33.1	33.8	36.1	38.6	32.3	33.0	35.2	37.7	30.7	31.3	33.5	35.8	28.4	29.0	31.0	33.1
		S/T	0.91	0.85	0.69	0.5	0.94		0.72	0.54	0.97	0.91	0.74	9.0	1.00	0.94	92.0	0.57	1.00	1.00	0.79	9.0		1.00	0.80	09.0
		ΔT	23	22	20	16	24		20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	22	18	15
	1238	Α×	2.42	2.47	2.55	5.6	2.60		2.74	2.82	2.76	2.82	2.90	3.0	2.90	2.96	3.05	3.15	3.02	3.08	3.18	3.3	3.12	3.19	3.29	3.40
		Amps	9.3	9.5	8.6	10.1	10.0		10.6	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.2
		HI PR	150	161	170	177.8	168		191	199	191	506	218	226.9	218	235	248	258	245	264	279 2	290.7	271	292	308	321
		LO PR	62	99	72	77.1	99		77	81	89	73	80	84.7	72	77	84	68	75	80	88	93.2	78	83	91	96
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 0.66 0.96 0.93 0.84 0.68 1.00 0.96 2.7 2.6 2.5 2.2 27 2.6 2.7 2.6 2.9 3.08 1.00 0.96 2.76 2.69 2.75 2.84 2.93 2.83 2.89 2.98 3.08 2.94 3.01 10.6 10.5 10.8 11.1 11.5 11.2 11.9 12.3 2.94 3.01 10.6 10.5 10.8 11.1 11.5 11.2 11.9 12.3 11.9 12.2 10.6 0.97 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 1.00 2.8 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 <</td> <td>35.2 30.2 30.7 32.3 34.3 39.4 30.0 31.4 33.5 27.9 28.5 29.8 60.9 0.94 0.93 0.84 0.68 1.00 0.96 0.93 0.84 0.68 1.00 0.96 0.93 0.84 0.68 1.00 0.96 0.87 2</td> <td>35.2 30.2 30.7 32.3 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 0.64 0.93 0.84 0.68 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 2.7 2.6 2.5 2.2 2.7 2.6 2.5 2.1 2.8 2.98 3.08 1.00 0.96 0.87 0.71 2.0 2.7 2.6 2.5 2.1 2.8 2.98 3.08 3.08 3.09 0.99 0.99 0.98 3.08 3.04 3.00 3.00 1.00 0.96 0.99 2.98 3.08 2.94 3.01 3.00 3.00 2.91 2.94 3.01 3.02 3.00 3.00 3.08 2.98 3.09 3.09 3.08 3.08 3.09 3.00 3.00 3.02 3.00 3.03 3.02 3.02 3.03 3.03 3.03 3.03 3.03 <t< td=""><td>35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 55.9 0.64 0.93 0.81 0.66 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 0.95 0.87 0.71 2.5 2.7 26 25 2.1 25 2.7 26 25 2.1 2.7 26 25 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.83 2.89 2.98 3.08 2.94 3.01 3.04 3.04 3.08 1.09 0.99 0.99 2.94 3.01 3.02 3.04 3.06 1.09 0.99 2.98 3.08 2.94 3.01 3.09 3.04 3.06 3.03 2.94 3.01 3.01 3.04 3.04 3.04 3.04 3.04 3.04 3.04</td><td>35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 25.9 26.4 0.64 0.93 0.84 0.68 1.00 0.96 0.97 0.71 1.00 0.97 0.97 0.97 0.87 0.71 1.00 0.97 0.99 0.</td></t<></td> | 35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 0.64 0.93 0.90 0.81 0.66 0.96 0.93 0.84 22 27 26 25 22 27 27 25 2.76 2.69 2.75 2.84 2.93 2.83 2.89 2.98 10.6 10.5 10.8 11.1 11.5 11.5 11.9 194 186 200 211 220 211 228 240 79 66 71 77 82 70 74 81 38.1 32.7 33.3 34.9 37.2 31.9 32.5 34.0 0.67 0.97 0.93 0.84 0.68 1.00 0.96 0.87 2.82 2.96 2.5 21 27 26 25 2.82 2.96 3.00 2.90 2.96 3.05 10.9 | 35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 0.64 0.93 0.90 0.81 0.66 0.96 0.93 0.84 0.68 22 27 26 25 22 27 25 25 2.76 2.69 2.75 2.84 2.93 2.83 2.89 2.98 3.08 10.6 10.5 10.8 11.1 11.5 11.5 11.9 12.3 10.6 10.5 10.8 11.1 11.5 11.5 11.9 12.3 38.1 38.6 20 211 220 211 28 240 251 20.6 71 77 82 70 74 81 86 38.1 32.7 33.3 34.9 37.2 31.9 32.0 27 21 22 22 22 22 22 22 22 22 22 22 22
 | 35.2 30.2 30.7 32.3 34.3 29.4 30.0 31.4 33.5 27.9 0.64 0.93 0.81 0.66 0.96 0.93 0.84 0.68 1.00 2.7 2.6 2.5 2.2 27 27 2.5 22 27 2.7 2.6 2.5 2.2 27 27 2.5 22 27 2.7 2.6 2.5 2.2 2.7 2.7 2.5 2.2 27 2.7 2.5 2.7 2.7 2.5 2.7 2.7 2.2 2.7 2.7 2.5 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.9 2.94 3.08 2.94 3.08 2.94 3.08 2.94 3.08 2.94 3.08 2.94 3.08 2.94 3.08 2.94 3.08 3.08 3.08 3.08 3.08 3.08 3.08 3.09 3.08 3.03 3
 | 35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 0.64 0.93 0.90 0.81 0.66 0.96 0.93 0.84 0.68 1.00 0.96 2.7 2.6 2.5 2.2 27 2.6 2.7 2.6 2.9 3.08 1.00 0.96 2.76 2.69 2.75 2.84 2.93 2.83 2.89 2.98 3.08 2.94 3.01 10.6 10.5 10.8 11.1 11.5 11.2 11.9 12.3 2.94 3.01 10.6 10.5 10.8 11.1 11.5 11.2 11.9 12.3 11.9 12.2 10.6 0.97 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 1.00 2.8 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 < | 35.2 30.2 30.7 32.3 34.3 39.4 30.0 31.4 33.5 27.9 28.5 29.8 60.9 0.94 0.93 0.84 0.68 1.00 0.96 0.93 0.84 0.68 1.00 0.96 0.93 0.84 0.68 1.00 0.96 0.87 2 | 35.2 30.2 30.7 32.3 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 0.64 0.93 0.84 0.68 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 2.7 2.6 2.5 2.2 2.7 2.6 2.5 2.1 2.8 2.98 3.08 1.00 0.96 0.87 0.71 2.0 2.7 2.6 2.5 2.1 2.8 2.98 3.08 3.08 3.09 0.99 0.99 0.98 3.08 3.04 3.00 3.00 1.00 0.96 0.99 2.98 3.08 2.94 3.01 3.00 3.00 2.91 2.94 3.01 3.02 3.00 3.00 3.08 2.98 3.09 3.09 3.08 3.08 3.09 3.00 3.00 3.02 3.00 3.03 3.02 3.02 3.03 3.03 3.03 3.03 3.03 <t< td=""><td>35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 55.9 0.64 0.93 0.81 0.66 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 0.95 0.87 0.71 2.5 2.7 26 25 2.1 25 2.7 26 25 2.1 2.7 26 25 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.83 2.89 2.98 3.08 2.94 3.01 3.04 3.04 3.08 1.09 0.99 0.99 2.94 3.01 3.02 3.04 3.06 1.09 0.99 2.98 3.08 2.94 3.01 3.09 3.04 3.06 3.03 2.94 3.01 3.01 3.04 3.04
 3.04 3.04 3.04 3.04 3.04</td><td>35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 25.9 26.4 0.64 0.93 0.84 0.68 1.00 0.96 0.97 0.71 1.00 0.97 0.97 0.97 0.87 0.71 1.00 0.97 0.99 0.</td></t<> | 35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 55.9 0.64 0.93 0.81 0.66 0.96 0.93 0.84 0.68 1.00 0.96 0.87 0.71 1.00 0.95 0.87 0.71 2.5 2.7 26 25 2.1 25 2.7 26 25 2.1 2.7 26 25 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.7 26 2.5 2.1 2.83 2.89 2.98 3.08 2.94 3.01 3.04 3.04 3.08 1.09 0.99 0.99 2.94 3.01 3.02 3.04 3.06 1.09 0.99 2.98 3.08 2.94 3.01 3.09 3.04 3.06 3.03 2.94 3.01 3.01 3.04 3.04 3.04 3.04 3.04 3.04 3.04 | 35.2 30.2 30.7 32.2 34.3 29.4 30.0 31.4 33.5 27.9 28.5 29.8 31.8 25.9 26.4 0.64 0.93 0.84 0.68 1.00 0.96 0.97 0.71 1.00 0.97 0.97 0.97 0.87 0.71 1.00 0.97 0.99 0. |

Expanded Ratings — GSC130421C*

			71	-	- '0	-	- '		<u> </u>	-	- ~	- ~	•	<u>'</u>	<u> </u>	<u>'</u>		-	<u> </u>	'	/		<u> </u>	•
	115		67	33.1	0.46	11	3.05	11.7	259	87	35.8	0.48	11	3.14	12.0	267	90	36.9	0.50	11	3.17	12.1	270	90
			63	30.2		15	2.94	11.3	245	80	32.7	0.69	15	3.03	11.6	253	82	33.7	0.72	14	3.05	11.7	255	83
			59	29.1	0.79	17	2.87	11.1	228	75	31.6	0.82	17	2.95	11.4	235	77	32.5	0.86	16	2.98	11.5	237	78
			71	1	1	1	1	1	1	-	1	1	1	1		1	1		1	1	1	1	1	-
	105		67	35.7	0.45	12	2.93	11.1	234	84	38.7	0.47	12	3.02	11.4	242	87	39.9	0.49	11	3.05	11.5	244	87
			63	32.6	99.0	16	2.83	10.7	222	77	35.3	0.68	16	2.91	11.0	229	79	36.4	0.71	15	2.94	11.1	231	80
			29	31.4	0.79	19	2.76	10.5	206	72	34.1	0.81	18	2.84	10.8	213	75	35.1	0.85	18	2.86	10.9	215	75
		ш	71		1	1	1	1	1	-	1	1	1	1	1	1	1		1	1	1	1	1	-
URE	95	ENTERING INDOOR WET BULB TEMPERATURE	67	37.6	0.44	12	2.80	10.4	208	80	40.7	0.45	12	2.88		215	83	42.0	0.48	12	2.91	10.8	217	83
APERAT		3 TEMPI	63	34.3	0.63	16	2.70	10.1	197	73	37.2	99.0	16	2.78	10.4	203	26	38.3	0.69	15	2.80	10.5	205	26
OUTDOOR AMBIENT TEMPERATURE		ET BULI	29	33.1	0.76	19	2.63	6.6	183	69	35.9	0.78	18	2.71	10.2	189	71	36.9	0.82	18	2.73	10.2	191	72
R AMBI		OOR W	71		1	1	1	1	1	-	1	1	1	1	1	1	1	٠	1	1	1	1	1	1
UTDOO	85	ING INC	67	38.5	0.42	12	2.64	9.8	183	92	41.7	0.44	12	2.71	10.1	189	79	43.0	0.46	12	2.74	10.2	190	79
0		ENTER	63	35.2	0.61	16	2.54	9.5	173	70	38.1	0.64	16	2.62	9.8	179	72	39.2	0.67	15	2.64	6.6	180	73
			29	33.9	0.73	19	2.48	9.3	161	99	36.8	0.76	18	2.55	9.6	166	89	37.9	0.80	18	2.58	9.6	168	89
			71		1	1	1	1	1	-	1	1	1	1	1	1	1		1	1	1	1	1	1
	75		29	39.5	0.41	12	2.46	9.1	161	73	42.8	0.43	12	2.53	9.3	166	92	44.0	0.45	12	2.55	9.4	167	26
			63	36.0	0.60	16	2.37	8.8	152	29	39.0	0.62	16	2.44	9.1	157	69	40.2	0.65	15	2.46	9.1	159	70
			29	34.8	0.72	19	2.31	8.6	141	63	37.7	0.74	18	2.38	8.9	146	65	38.8	0.78	18	2.40	8.9	147	99
			71		1	1	•	1	1	-	1	1	1	1	1	1	1		1	1	1	1	1	1
	65		29	40.4	0.40	12	2.25	8.5	143	69	43.8	0.41	12	2.32	8.7	148	72	45.1	0.43	11	2.34	8.8	149	72
			63	36.9	0.58	16	2.17	8.2	136	64	40.0	09.0	16	2.23	8.4	140	99	41.2	0.63	15	2.26	8.5	141	99
			29	35.6	69.0	18	2.12	8.1	126	09	38.6	0.72	18	2.18	8.3	130	62	39.7	0.75	17	2.20	8.3	131	62
			AIRFLOW	MBh	S/T	ΔT	κw	Amps	HI PR	LO PR	MBh	S/T	ΔT	××	Amps	HI PR	LO PR	MBh	S/T	ΔT	Χ×	Amps	HI PR	LO PR
			AIRF				1225							1400							1575			
			IDB											70										

		MBh	36.2	37.3	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.5	41.3	33.7	34.7	37.5	40.3	32.0	32.9	35.6 3	38.3	59.6	30.5	33.0	35.4
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	98.0	0.77	0.58 (0.37 (0.89	0.80	0.60	0.39	06.0	0.81 0	0.61	0.39
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	1225	Κ	2.14	2.19	2.27	2.36	2.33	2.39	2.48	2.57	2.50	2.57	2.66	2.76	2.65	2.72	2.82	2.93	2.78	2.85	2.96	3.07	5.89	2.97 3	3.08	3.20
		Amps	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	6.6	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.4	11.8 1	12.2
		HI PR	127	137	145	151	143	154	162	169	163	175	185	193	185	199	210	219	208	224	237	247	230	248 2	262	273
		LO PR	09	64	70	75	64	89	74	79	99	71	77	82	20	74	81	98	73	78	85	06	92	80	88	93
		MBh	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.7	44.7	36.5	37.6	40.6	43.6	34.6	35.7	38.6 4	41.4	32.1	33.0	35.8	38.4
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	98.0	0.77	0.59	0.38	0.89	0.80	09.0	0.39	0.93	0.83	0.63	0.40	0.93	0.84 C	0.63	0.41
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
75	1400	ΚW	2.20	2.26	2.34	2.43	2.40	2.46	2.55	2.65	2.58	2.64	2.74	2.85	2.73	2.80	2.91	3.02	2.86	2.94	3.05	3.16	2.98	3.05	3.17 3	3.29
		Amps	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.6	6.6	10.2	10.5	10.3	10.5	10.8	11.2	10.9	11.1	11.5 1	11.9	11.5	11.7	12.1	12.5
		HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	255	237	255 2	270	281
		LO PR	62	99	72	77	99	20	92	81	89	73	79	85	72	92	83	68	75	80	87	93	78	83	06	96
		MBh	40.4	41.6	45.0	48.3	39.4	40.6	44.0	47.2	38.5	39.6	42.9	46.1	37.6	38.7	41.9	44.9	35.7	36.7	39.8 4	42.7	33.1	34.0 3	36.8	39.5
		S/T	0.85	92.0	0.58	0.37	0.88	0.79	09.0	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.63 (0.41 (0.97	0.87	0.66	0.42	0.98	0.88 0	0.66	0.43
		ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10
	1575	kW	2.22	2.28	2.36	2.45	2.42	2.48	2.58	2.67	2.60	2.67	2.77	2.87	2.76	2.83	2.93	3.05	2.89	2.97	3.08	3.19	3.01	3.08	3.20	3.32
		Amps	8.4	8.6	8.8	9.1	9.0	9.2	9.5	8.6	9.7	6.6	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8 1	12.2	12.6
		HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284
		LO PR	63	29	73	78	99	71	77	82	69	74	80	85	73	77	84	06	92	81	88	94	79	84	91	97
IDB: Ent High and	ering Ir d Iow p	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.	y Bulb T are me	empera asured a	ature at the li	quid an	d suctio	ın servic	se valve	Š.	Ŋ	V = Tota	Shaded area ref kW = Total system power	area re n powe	Shaded area reflects ACCA (TVA) conditions al system power	CCA (TV De	Amps = outdoor onditions Subcooling 9 ±3 °F @ the liquid service valve,	itions ocooling	1° 6±9°F	: @ the	Amp liquid s	s = out	door ur alve, A	Amps = outdoor unit amps (comp.+fan) uid service valve, ARI 95 test conditions	(comp. t condi	.+fan) itions

Expanded Ratings — GSC130421C * (cont.)

		9	 							10		-				-				-				
1225		٦	65			75				85	ارِ			95		\exists		105				115		
1225									-	ENTERIN	G INDO	OR WET	ENTERING INDOOR WET BULB TEMPERATURE	EMPER	TURE									
1225	29	63	29	71	59	63	29	71	29	63	29	71	29	63	67	71	29	63	29	71	29	63	29	71
1225	_	37.6	40.2	43.0	36.0	36.8	39.3	42.0	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	32.6	33.3	35.5	38.0	30.2	30.8	32.9	35.2
1225		0.81	99.0	0.5	0.89	0.84	0.68	0.51	0.91	98.0	0.70	0.5	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.6	0.99	0.93	0.75 (0.56
1225		23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
6		2.21	2.30	2.4	2.36	2.41	2.50	2.60	2.53	2.59	2.69	2.8	2.68	2.75	2.85	2.96	2.81	2.88	2.99	3.1	.92	3.00	3.11	3.23
6		8.4	9.8	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5 1	11.9	12.3
6		138	146	152.5	144	155	164	171	164	177	187	194.6	187	201	213	222	210	226	239 2	249.4	232	250	264	276
9	_	65	71	75.5	64	69	75	80	29	71	78	82.9	70	75	82	87	74	78	98	91.3	92	81	68	94
,	_	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.3	36.0	38.5	41.2	32.7	33.4	35.7	38.1
7,00		0.84	0.68	0.5	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.6	1.00 (0.96	0.78 (0.58
007		22	19	16	24	23	20	16	24	23	20	16	24	23	70	16	23	23	20	16	21	21	18	15
80 T400 KVV		2.28	2.36	2.5	2.42	2.48	2.58	2.67	2.60	2.67	2.77	2.9	2.76	2.83	2.94	3.05	2.89	2.97	3.08	3.2	3.01	3.08	3.20	3.32
Amps		8.6	8.8	9.1	9.0	9.5	9.5	8.6	9.7	6.6	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.2	11.6	12.0	11.6	11.8	12.2	12.6
HI PR		143	151	157.2	149	160	169	176	169	182	192	200.6	193	207	219	229	217	233	246 2	257.1	240	258	272	284
LO PR	_	29	73	77.8	99	71	77	82	69	74	80	85.5	73	77	84	90	92	81	88	94.1	79	84	91	97
MBh	41.1	42.0	44.9	48.0	40.1	41.0	43.8	46.9	39.2	40.0	42.8	45.7	38.2	39.1	41.7	44.6	36.3	37.1	39.7	42.4	33.6	34.4 3	36.7	39.3
T/S		0.88	0.71	0.5	0.97	0.91	0.74	0.55	1.00	0.93	92.0	9.0	1.00	96.0	0.78	0.59	1.00	1.00 (0.81	0.6	1.00	00.1	0.82 (0.61
ΔT		22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
1575 kW		2.30	2.38	2.5	2.45	2.51	2.60	2.70	2.63	2.69	2.79	5.9	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.2	3.04	3.11 3	3.23	3.35
Amps		9.8	8.9	9.5	9.1	9.3	9.6	6.6	8.6	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	1.7	11.9 1	12.3	12.7
HI PR		144	152	158.8	150	162	171	178	171	184	194	202.6	195	210	221	231	219	236	249 2	229.7	242	260	275	287
LO PR		89	74	78.6	29	71	78	83	70	74	81	86.3	73	78	85	91	77	82	68	95.0	79	85	92	98

	_	MBh 3.	37.5 38.2	2 40.0	0 42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.9	35.5	37.2	39.7	33.1	33.8	35.4	37.7	30.7	31.3 3	32.8	34.9
		S/T 0.	0.90 0.87	7 0.79	9 0.64	1 0.93	0.90	0.81	0.66	96.0	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	0 00.1	0.90	0.73
			25 25	24	1 20	7	25	24	21	26	25	24	21	56	25	24	21	25	25	24	21	23	23	22	19
	1225	kW 2.	2.18 2.23	3 2.32	2 2.40	0 2.38	2.44	2.53	2.62	2.55	2.62	2.71	2.82	2.71	2.77	2.88	2.99	2.84	2.91	3.02	3.13	2.95	3.02	3.14 3	3.26
		Amps 8	8.3 8.4	1 8.7	7 9.0	8.9	9.1	9.3	9.6	9.6	9.8	10.1	10.4	10.2	10.4	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.6 1	12.0 1	12.4
		HI PR 1	130 140	0 148	8 154	146	157	166	173	166	178	188	197	189	203	215	224	213	229	241	252	235	253 2	267 2	278
		LO PR (62 66	72	2 76	65	69	26	81	89	72	79	84	71	92	83	88	75	79	87	95	77	82	06	95
		MBh 4	40.6 41.4	4 43.3	.3 46.2	2 39.7	40.4	42.3	45.2	38.7	39.5	41.3	44.1	37.8	38.5	40.3	43.0	35.9	36.6	38.3	40.9	33.2	33.9 3	35.5 3	37.9
		S/T 0	0.94 0.90	0 0.81	1 0.66	5 0.97	0.94	0.84	O	0.99	96.0	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00 0	0.94 0	0.76
			25 25	5 23	3 20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
82	1400	kW 2.	2.24 2.30	0 2.38	8 2.47	2.45	2.51	2.60	2.70	2.63	2.69	2.79	2.90	2.79	2.86	2.96	3.08	2.92	2.99	3.11	3.23	3.04 3	3.11 3	3.23 3	.35
		Amps 8	8.5 8.6	8.9	9 9.2	9.1	9.3	9.6		9.8	10.0	10.3	10.7	10.4	10.7	11.0	11.4	11.0	11.3	11.7	12.1	11.7	11.9 1	12.3 1	12.7
		HI PR 1	134 144	4 152			162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242 2	260 2	275 2	287
		LO PR (64 68	74	1 79	67	71	78	83	70	74	81	98	73	78	85	91	77	82	89	95	79	85	92	86
		MBh 4:	41.8 42.6	6 44.6	6 47.6	5 40.8	41.6	43.6	46.5	39.9	40.6	42.6	45.4	38.9	39.7	41.5	44.3	37.0	37.7	39.5	42.1	34.2	34.9 3	36.5 3	39.0
		S/T 0.	0.98 0.95	5 0.85	5 0.69	0 1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00 0	0.98 0	0.80
			24 24	22	19	24	24	23	19	23	24	23	20	23	23	23	20	22	22	22	19	20	20	21	18
	1575	kW 2.	2.26 2.32	2 2.41	1 2.50) 2.47	2.53	2.63	2.73	2.65	2.72	2.82	2.93	2.81	2.88	2.99	3.11	2.95	3.02	3.14	3.26	3.07	3.14 3	3.26 3	3.39
			8.5 8.7	0.6 /	9.3	9.5	9.4	9.6	10.0	6.6	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.1	11.4	11.8	12.2	11.8 1	12.0 1	12.4 1	12.9
		HI PR 1	135 146	6 154	4 160	152	163	173	180	173	186	196	205	197	212	224	233	221	238	251	262	244	263 2	278 2	290
		LO PR (64 68	75	5 79	89	72	79	84	70	75	82	87	74	79	98	95	78	83	06	96	80	85	93	66
IDB: Ente High and	ering Inc	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves	ulb Temp measur	erature ed at th	e liquid	and suct	ion serv	/ice val	ves.		:W = To:	Shaded area ref kW = Total system power	d area re em pow	Shaded area reflects AHRI conditions al system power	HRI cor D	nditions esign Su	onditions Design Subcooling 9 ±3	g 9 ±3°	°F @ the	Am _l liquid	os = out service	Amps = outdoor unit amps (comp.+fan) @ the liquid service valve, ARI 95 test conditions	t amps	(compt condi	+fan tion

Expanded Ratings — GSC130481C*

												ŏ	JTDOOR	AMBIE	OUTDOOR AMBIENT TEMPERATURE	PERATUI	3E									
				65					75			85	2	П		95	[ي	П		105	۱	H		115		
												ENTERI	NG INDO	OOR WE	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	MATURE									
IDB	AIRFLOW	W	29	63	29	71	29	63	67	71	29	63	29	71	29	63	29	71	29	63	29	71	29	63	29	71
	_	/JBh	40.8	42.3	46.3		39.9	41.3	45.3		38.9	40.3	44.2		38.0	39.3	43.1		36.1	37.4	41.0	1		34.6	37.9	-
		S/T	0.68	0.57	0.40		0.71	0.59	0.41	1	0.73	0.61	0.42	,	0.75	0.63	0.43	,	0.78	0.65	0.45	-	0.78	0.66 (0.45	,
	_	ΔT	18	16	12	-	19	16	12	1	19	16	12	,	19	16	12	-	18	16	12	_	17	15	11	,
1	1400	k	2.46	2.52	2.62		2.69	2.75	2.86	1	2.88	2.96	3.07	,	3.06	3.14	3.26	,	3.21	3.29	3.41	1	3.34 3	3.42	3.55	,
	<u> </u>	sdu	6.6	10.1	10.4		10.6	10.9	11.2	1	11.5	11.7	12.1	,	12.2	12.5	12.9	,	13.0	13.3	13.7	<u> </u>	13.7	14.0	14.5	,
	<u> </u>	II PR	127	136	144		142	153	161	1	162	174	184	,	184	198	209	,	207	223	235	_	229	246	260	,
	I	O PR	09	63	69	_	63	29	73	-	99	70	92	-	69	73	80	1	72	77	84	-	75	79	87	-
	_	MBh	44.2	45.8	50.2		43.2	44.8	49.0	1	42.2	43.7	47.9	-	41.1	42.6	46.7	1	39.1	40.5	44.4	-	36.2	37.5	41.1	-
		S/T	0.71	0.59	0.41		0.73	0.61	0.43	1	0.75	0.63	0.44	,	0.78	0.65	0.45	,	0.81	0.67	0.47	_	0.81	0.68	0.47	,
		ΔT	18	16	12		18	16	12	1	18	16	12	,	18	16	12	,	18	16	12	_	17	15	11	,
70 1	1600 k	k	2.53	2.60	2.69		2.76	2.83	2.94	1	2.97	3.04	3.16		3.15	3.23	3.35	1	3.30	3.39	3.52	1	3.44	3.52	3.66	,
	⋖	sdur	10.1	10.4	10.7	1	10.9	11.1	11.5	1	11.8	12.1	12.4	,	12.6	12.9	13.3	,	13.3	13.6	14.1	, 1	14.1	14.4	14.9	,
	_	II PR	131	140	148		146	158	166	1	167	179	189	,	190	204	216	,	213	230	243		236	254	268	,
) 	O PR	62	65	71	_	65	69	75	-	89	72	78	-	71	75	82	-	74	79	98	-	77	82	89	-
	_	ИВh	45.5	47.2	51.7		44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	1	40.2	41.7	45.7	1	37.3 3	38.6	42.3	,
		S/T	0.74	0.62	0.43		0.77	0.64	0.45	1	0.79	99.0	0.46		0.82	0.68	0.47	1	0.85	0.71	0.49	<u> </u>	0.85	0.71 (0.49	,
		ΔT	17	15	11	1	17	15	11	1	18	15	12	,	18	15	12	,	17	15	11	_	16	14	11	,
1	1800	k	2.56	2.62	2.72		2.79	2.86	2.97	1	3.00	3.07	3.19	,	3.18	3.26	3.38	,	3.34	3.42	3.55	1	3.47	3.56	3.69	,
	<u> </u>	sdur	10.2	10.4	10.8	1	11.0	11.2	11.6	1	11.9	12.2	12.6		12.7	13.0	13.4	1	13.4	13.8	14.2	-		14.6	12.0	,
		II PR	132	142	150	1	148	159	168	1	168	181	191	,	192	206	218	,	216	232	245		238	256	271	,
	ב	O PR	62	99	72	-	99	70	92	-	89	73	79	-	72	92	83	1	75	80	87	-	78	83	90	

		MBh 4:	41.5 42.7	7 46.2	2 49.6	40.5	41.7	45.2	48.5	39.6	40.7	44.1	47.3	38.6	39.7	43.0	46.2	36.7	37.8	40.9	43.9	34.0	35.0 3	37.9 4	40.6
			0.78 0.69	9 0.53	3 0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	92.0	0.58	0.37	0.88	0.79	09.0	0.39	0.89	0 08.0	0.60	0.39
_			21 19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
-	1400	kW 2.	2.48 2.55	5 2.64	1 2.74	2.71	2.78	2.88	2.99	2.91	2.99	3.10	3.22	3.09	3.17	3.29	3.41	3.24	3.32	3.45	3.58	3.37	3.46 3	3.59 3	3.72
		Amps 10	10.0 10.2	2 10.5	5 10.9	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.2 1	14.6 1	15.2
		HI PR 1	128 138	3 145	152	144	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249 2	263 2	274
		LO PR 6	60 64	70	75	64	89	74	79	99	70	77	82	70	74	81	98	73	78	85	90	75	80	88	93
		MBh 4	45.0 46.3	3 50.1	1 53.8	43.9	45.2	48.9	52.5	42.9	44.1	47.8	51.3	41.8	43.1	46.6	50.0	39.7	40.9	44.3	47.5	36.8	37.9 4	41.0 4	44.0
		S/T 0.	0.81 0.72	2 0.55	5 0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	09.0	0.38	0.92	0.82	0.62	0.40	0.93 (0.83	0.63 0	0.40
			21 19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
75	1600	kw 2.	2.56 2.62	2 2.72	2 2.82	2.79	2.86	2.97	3.08	3.00	3.07	3.19	3.31	3.18	3.26	3.39	3.52	3.34	3.42	3.55	3.69	3.47	3.56 3	3.69 3	3.84
		Amps 10	10.2 10.4	4 10.8	3 11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.4	13.8	14.2	14.7	14.2	14.6 1	15.0 1	15.6
		HI PR 1.	132 142	2 150	156	148	159	168	175	168	181	191	199	192	506	218	227	216	232	245	256	238	256 2	271 2	282
		LO PR 6	62 66	72	77	99	70	92	81	89	73	79	84	72	92	83	89	75	80	87	93	78	83	06	96
		_	46.3 47.7	7 51.6	5 55.4	45.2	46.6	50.4	54.1	44.2	45.5	49.2	52.8	43.1	44.4	48.0	51.5	40.9	42.1	45.6	48.9	37.9	39.0 4	42.2 4	45.3
		S/T 0.	0.84 0.76	6 0.57	7 0.37	0.88	0.78	0.59	0.38	06.0	0.80	0.61	0.39	0.93	0.83	0.63	0.40	96.0	0.86	0.65	0.42	0.97	0.87 0	0.66 0	0.42
			20 18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
	1800	kW 2.	2.58 2.65	5 2.75	5 2.85	2.82	2.89	3.00	3.11	3.03	3.10	3.22	3.34	3.21	3.29	3.42	3.55	3.37	3.45	3.58	3.72	3.50	3.59 3	3.73 3	3.87
		Amps 10	10.3 10.5	5 10.9	9 11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.3	14.9	14.3	14.7	15.2 1	15.7
		HI PR 1	133 143	3 151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	247	258	241	259	273 2	285
		LO PR (63 67	73	78	99	71	77	82	69	73	80	85	72	77	84	90	92	81	88	94	78	83	91	97
IDB: Ente High and	ering In	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves.	ulb Temp measure	erature ed at the	e liquid a	ınd sucti	on serv	ice valv	/es.	<u>~</u>	kW = Tot	Shaded area ref = Total system power	area re m powe	Shaded area reflects ACCA (TVA) conditions al system power	CA (TV De	TVA) conditions Design Subcooling 9 ±3 °F @ the liquid service valve,	itions bcoolinį	g 9 ±3 °ı	F@the	Am ₁ ! liquid	os = out		unit amps (comp.+fan) ARI 95 test conditions	(comp t condi	+fan) tions

Expanded Ratings — GSC130481C * (cont.)

												5	5			COLDOOR AMBIENT LEMPERALORE	4									
				9	65			'`	75			85	2	П		95				105	5			115		
												ENTERI	NG IND	JOR WE	ENTERING INDOOR WET BULB TEMPERATURE	TEMPER	ATURE									
IDB	AIRFLOW	LOW	29	63	29	71	29	63	29	71	29	E9	29	71	65	63	29	71	29	63	29	71	29	63	29	71
		MBh	42.2	43.2	46.1	49.3	_	42.2	45.0	48.1	40.3	41.2	44.0	47.0	39.3	40.1	42.9	45.9	37.3	38.1	40.7	43.6	34.6	35.3	37.7	40.3
		S/T	0.85	0.80	0.65	0.5	_	0.83	0.67	0.50	0.91	0.85	0.69	0.5	0.93	0.88	0.71	0.53	0.97	0.91	0.74	9.0	0.98	0.92	0.75	0.56
		ΔT	24	23	20	16		23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
_	1400	ΚW	2.51	2.57	2.67	2.8		2.81	2.91	3.02	2.94	3.02	3.13	3.2	3.12	3.20	3.32	3.45	3.27	3.35	3.48	3.6	3.40	3.49	3.62	3.76
		Amps	10.0	10.3	10.6	10.9		11.0	11.4	11.8	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.3
		HI PR	129	139	147	153.1		156	165	172	165	177	187	195.4	188	202	213	223	211	227	240	250.4	233	251	265	277
		LO PR	61	65	71	75.3	_	89	75	80	29	71	78	82.7	20	75	82	87	74	78	85	91.0	92	81	88	94
		MBh	45.8	46.8	50.0	53.4	_	45.7	48.8	52.2	43.6	44.6	47.6	50.9	42.6	43.5	46.5	49.7	40.4	41.3	44.1	47.2	37.5	38.3	40.9	43.7
		S/T	0.88	0.83	0.67	0.5		0.86	0.70	0.52	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.55	1.00	0.94	0.77	9.0	1.00	0.95	0.77	0.58
	_	ΔT	23	22	19	15		23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	22	21	18	15
80	1600	Α×	2.58	2.65	2.75	2.9		2.89	3.00	3.11	3.03	3.10	3.22	3.3	3.21	3.29	3.42	3.55	3.37	3.45	3.59	3.7	3.50	3.59	3.73	3.87
		Amps	10.3	10.5	10.9	11.2		11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.3	14.9	14.3	14.7	15.2	15.7
		HI PR	133	143	151	157.9	_	161	170	177	170	183	193	201.5	194	208	220	229	218	234	248	258.1	241	259	273	285
		LO PR	63	29	73	77.7	_	71	77	82	69	73	80	85.3	72	77	84	90	92	81	88	93.9	78	84	91	97
		MBh	47.1	48.2	51.5	55.0	46.0	47.0	50.3	53.7	44.9	45.9	49.1	52.4	43.8	44.8	47.9	51.2	41.7	42.6	45.5	48.6	38.6	39.4	42.1	45.0
		S/T	0.93	0.87	0.71	0.5		0.90	0.73	0.55	1.00	0.92	0.75	9.0	1.00	0.95	0.78	0.58	1.00	1.00	0.81	9.0	1.00	1.00	0.81	0.61
		ΔT	22	21	19	15		22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	70	17	14
	1800	ΚW	2.61	2.67	2.77	2.9		2.92	3.03	3.14	3.06	3.13	3.25	3.4	3.24	3.32	3.45	3.58	3.40	3.49	3.62	3.8	3.54	3.63	3.77	3.91
		Amps	10.4	10.6	11.0	11.3		11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9
		HI PR	135	145	153	159.4	_	162	172	179	172	185	195	203.5	196	210	222	232	220	237	250	260.7	243	262	276	288
		LO PR	63	29	74	78.4	_	71	78	83	70	74	81	86.1	73	78	82	90	77	82	89	94.8	79	84	95	86

		MBh 43	43.0 43.8	.8 45.9	.9 48.9	.9 42.0	0 42.8	ì	44.8 47.8	8 41.0	.0 41.8	.8 43.7	7 46.7	7 40.0	.0 40.7	7 42.7	7 45.5	38.0	38.7	40.5	43.3	35.2	35.9	37.6	40.1
		S/T 0.	3.0 68.0	0.86 0.78	78 0.63	53 0.93	3 0.89	39 0.81	81 0.65	5 0.95	5 0.92	0.83	3 0.67	7 0.98	98 0.95	5 0.85	5 0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
		ΔT 2	25 2	25 23	3 20	0 26	, 25		24 21	. 26	5 25	5 24	1 21		26 25	24	21	25	25	24	20	23	23	22	19
_	1400	kW 2	2.53 2.6	2.60 2.6	2.69 2.80	30 2.76	6 2.83	(4	3.05	5 2.97	3.04	3.16	.6 3.28		3.15 3.23	3 3.35	5 3.48	3.30	3.39	3.52	3.65	3.44	3.52	3.66	3.80
	_	Amps 10	10.1	10.4 10.7	.7 11.0	.0 10.9	9 11.1		11.5 11.9	9 11.8	.8 12.1	.1 12.4	4 12.9	<u>`</u>	12.6 12.8	8 13.3	3 13.7	, 13.3	13.6	14.1	14.6	14.1	14.4	14.9	15.4
	_	HI PR 13	130 14	140 148	8 155	5 146	5 158		166 174	4 167	7 179	9 189	9 197	_	190 204	1 216	5 225	213	230	242	253	236	254	268	279
	_	LO PR 6	62 6	65 71	1 76	6 65	69		75 80	89 (8 72	2 78	3 84	. 71	1 75	82	88	74	79	98	92	77	82	89	92
		MBh 46	46.6 47	47.5 49.7	.7 53.0	.0 45.5	5 46.4		48.5 51.8	8 44.4	.4 45.3	.3 47.4	.4 50.6	6 43.3	.3 44.1	1 46.2	2 49.3	41.1	41.9	43.9	46.9	38.1	38.9	40.7	43.4
		S/T 0.	0.93 0.8	0.89 0.81	31 0.65	55 0.96	6 0.93		0.84 0.68	8 0.98	98 0.95	98.0 5	02.0 9	0 1.00	_	8 0.89	9 0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		ΔT 2	25 2	24 23	3 20	0 25	25		23 20	_			3 20	_			20	24	24	23	20	22	22	22	19
85 1	1600	kw 2.0	2.61 2.67	57 2.77	77 2.88	38 2.85	5 2.92	3.03	03 3.14	4 3.06	6 3.13	3 3.25	5 3.38	8 3.24	3.32	2 3.45	3.58	3.40	3.49	3.62	3.76	3.54	3.63	3.77	3.91
	_	Amps 10	10.4 10	10.6 11.0	.0 11.3	.3 11.2	2 11.4	` .	11.8 12.2	2 12.1	.1 12.4	4 12.8	8 13.2	2 12.9	.9 13.2	2 13.6	5 14.1	13.7	14.0	14.5	15.0	14.5	14.8	15.3	15.9
	_	HI PR 13	135 14	145 153	3 159	9 151	1 162	2 172	72 179	9 172	2 185	5 195	5 203	3 196	6 210) 222	232	220	237	250	261	243	262	276	288
		LO PR 6	63 67	7 74	4 78	8 67	71		78 83	70	74	1 81	98 1	73	3 78	85	06	77	82	89	92	79	84	92	86
		MBh 48	48.0 48	48.9 51.2	.2 54.6	.6 46.8	8 47.7		50.0 53.3	3 45.7	.7 46.6	.6 48.8	.8 52.1	1 44.6	.6 45.5	5 47.6	5 50.8	42.4	43.2	45.2	48.3	39.3	40.0	41.9	44.7
		S/T 0.9	0.97 0.94	94 0.85	35 0.69	9 1.00	0 0.97		0.88 0.71	1 1.00	00 1.00	_	0 0.73	3 1.00		0 0.93	3 0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT 2	24 23	23 22	2 19	9 24	. 24			_		t 22		_	3 23	23		22	22	22	19	20	20	21	18
	1800	kW 2.0	2.63 2.7	2.70 2.80	30 2.90	90 2.87	7 2.95	,	3.06 3.17		3.16		.8 3.41	1 3.27			3 3.62	_	3.52	3.65	3.80	3.57	3.66	3.80	3.95
	_	Amps 10	10.5 10	10.7 11.0	.0 11.4	.4 11.3	3 11.5	٠.	11.9 12.3	_	.2 12.5	.5 12.9	9 13.4	4 13.0	.0 13.3	3 13.7	7 14.2		14.1	14.6	15.1	14.6	14.9	15.4	16.0
	_	HIPR 13	136 14	146 154	4 161	1 152	2 164		173 181	1 173	3 187	7 197	7 206	5 197		3 224	1 234	222	239	252	263	245	264	279	291
	_	LO PR 6	64 6	68 74	4 79	89 68	72		79 84	0/) 75	5 82	2 87	74	4 79	86	91	77	82	90	96	80	82	93	66
B: Ente	ring Ind	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction ser	ulb Tem	perature ed at th	e Je liguid	and suc	Tion se	ervice valves	alves.		× = W	Shad Total sv	Shaded area ref kW = Total system power	reflec	Shaded area reflects AHRI conditions al system power	conditio	Subcoo	onditions Amps = outdoor unit amps (comp.+fan) Design Subcooling 9 +3 °E @ the liquid service valve. ARI 95 feet conditions	. °F @ ±	A A liqui	mps = o	Amps = outdoor unit amps (comp.+fan uid service valve. ABI 95 test condition	unit am ARI 95	ps (com	p.+far Idition
)	5		;						1) L	j			5	0	,			,	1		

Expanded Ratings — GSC130601D*

					- 1	j						ร	TDOOR	AMBII	OUTDOOR AMBIENT TEMPERATURE	PERATL	삙					ľ			
65 75					75	75	75	ا ہے.				82				,	95			105	2			115	
												ENTERI	NG INDO	OR W	ET BULB	TEMPE	ENTERING INDOOR WET BULB TEMPERATURE								
71	63 67 71 59 63	63 67 71 59 63	67 71 59 63	71 59 63	59 63	63	H	9	7	71	29	63	29	71	29	63	29	71	59	63	29	71	59	63	29
48.1 49.9 54.7 - 47.0	48.1 49.9 54.7 - 47.0 48.7	49.9 54.7 - 47.0 48.7	54.7 - 47.0 48.7	- 47.0 48.7	48.7	48.7		53.4	_	-	45.9	47.6	52.1		44.8	46.4	50.9		42.5	44.1	48.3	-	39.4	40.8	44.8
0.66 0.55 0.38 -	0.66 0.55 0.38 - 0.68 0.57	0.55 0.38 - 0.68 0.57	0.38 - 0.68 0.57	- 0.68 0.57	0.57	0.57	_	0.39		,	0.70	0.58	0.40		0.72	0.60	0.42	•	0.75	0.62	0.43	<u> </u>	0.75 (0.63	0.44
21 18 14 - 21	21 18 14 - 21 18	18 14 - 21 18	14 - 21 18	- 21 18	18	18		14		,	21	18	14	1	21	18	14		21	18	14	_	20	17	13
2.92 2.99 3.11 - 3.19	2.92 2.99 3.11 - 3.19 3.27	2.99 3.11 - 3.19 3.27	3.11 - 3.19 3.27	- 3.19 3.27	3.27	3.27	,	3.40		,	3.43	3.52	3.65	,	3.64	3.73	3.87	•	3.82	3.91	4.06	1	3.97	4.07	4.23
11.5 11.7 12.1 - 12.4	11.5 11.7 12.1 - 12.4 12.6	11.7 12.1 - 12.4 12.6	12.1 - 12.4 12.6	- 12.4 12.6	12.6	12.6		13.1		,	13.4	13.7	14.1	,	14.3	14.6	15.1		15.2	15.5	16.0	,	16.1	16.4	17.0
126 136 143 - 141	126 136 143 - 141 152	136 143 - 141 152	143 - 141 152	- 141 152	152	152		161		-	161	173	183		183	197	208		506	222	234	_	228	245	259
09 - 99 09 95	26 60 66 - 60 63	99 09 - 99 09	69 09 - 99	- 60 63	63	63		69		1	62	99	72	-	65	69	92	1	89	73	79	-	71	75	82
52.2 54.1 59.2 - 50.9	54.1 59.2 - 50.9 52.8	54.1 59.2 - 50.9 52.8	59.2 - 50.9 52.8	- 50.9 52.8	52.8	52.8		57.9		,	49.7	51.5	56.5		48.5	50.3	55.1		46.1	47.8	52.3	-	42.7	44.3	48.5
0.68 0.57 0.39 - 0.71	0.68 0.57 0.39 - 0.71 0.59	0.57 0.39 - 0.71 0.59	0.39 - 0.71 0.59	- 0.71 0.59	0.59	0.59		0.41		,	0.72	09.0	0.42	1	0.75	0.62	0.43	•	0.78	0.65	0.45	<u> </u>	0.78	0.65	0.45
20 18 13 - 21	20 18 13 - 21 18	18 13 - 21 18	13 - 21 18	- 21 18	18	18		14		,	21	18	14	,	21	18	14	•	21	18	13	,	19	17	13
3.01 3.08 3.20 - 3.28	3.01 3.08 3.20 - 3.28 3.37	3.08 3.20 - 3.28 3.37	3.20 - 3.28 3.37	- 3.28 3.37	3.37	3.37		3.50		,	3.53	3.62	3.76	,	3.75	3.84	3.99	•	3.93	4.03	4.18	<u> </u>	4.09	4.19	4.35
11.8 12.0 12.4 - 12.7 13.0	11.8 12.0 12.4 - 12.7 13.0	12.0 12.4 - 12.7 13.0	12.4 - 12.7 13.0	- 12.7 13.0	13.0	13.0		13.4			13.8	14.1	14.5	1	14.7	15.0	15.5	•	15.6	16.0	16.5	1		16.9	17.5
130 140 148 - 146	130 140 148 - 146 157	140 148 - 146 157	148 - 146 157	- 146 157	157	157		166		,	166	178	188	•	189	203	215	•	212	229	241	,	235	253	267
58 62 68 - 61	58 62 68 - 61 65	62 68 - 61 65	68 - 61 65	- 61 65	65	65		71		-	64	89	74	٠	67	71	78	٠	70	75	82	-	73	77	84
53.7 55.7 61.0 -	53.7 55.7 61.0 - 52.5 54.4	55.7 61.0 - 52.5 54.4	61.0 - 52.5 54.4	- 52.5 54.4	54.4	54.4		9.69		,	51.2	53.1	58.2	,	50.0	51.8	56.8		47.5	49.2	53.9		44.0	45.6	49.9
0.71 0.60 0.41 - 0.74	0.71 0.60 0.41 - 0.74 0.62	0.60 0.41 - 0.74 0.62	0.41 - 0.74 0.62	- 0.74 0.62	0.62	0.62		0.43		,	92.0	0.63	0.44	,	0.78	0.65	0.45		0.81	0.68	0.47	<u> </u>	0.82 (0.68	0.47
20 17 13 - 20	20 17 13 - 20 17	17 13 - 20 17	13 - 20 17	- 20 17	17	17		13		,	20	17	13	1	70	17	13	1	20	17	13	_	18	16	12
3.04 3.11 3.23 - 3.32 3.40	3.04 3.11 3.23 - 3.32 3.40	3.11 3.23 - 3.32 3.40	3.23 - 3.32 3.40	- 3.32 3.40	3.40	3.40		3.53		,	3.56	3.65	3.79	,	3.78	3.88	4.03	,	3.97	4.07	4.23	<u>'</u>	4.13	4.23	4.40
11.9 12.2 12.5 - 12.8	11.9 12.2 12.5 - 12.8 13.1	12.2 12.5 - 12.8 13.1	12.5 - 12.8 13.1	- 12.8 13.1	13.1	13.1		13.5		,	13.9	14.2	14.7	,	14.8	15.2	15.7		15.7	16.1	16.6		16.7	17.1	17.6
131 141 149 - 147	131 141 149 - 147 158	141 149 - 147 158	149 - 147 158	- 147 158	158	158		167		,	167	180	190	1	191	205	217		215	231	244	_	237	255	569
59 62 68 - 62	59 69 69 69	62 68 - 65	68 - 69 66	59 69	22	22		1			,	0			0	i			í	1				í	L

_	MBh	49.0	50.4	54.6	58.6	47.8	49.2	53.3	57.2	46.7	48.1	52.0	55.8	45.5	46.9	50.8	54.5	43.3	44.5	48.2	51.7	40.1	41.3	44.7	47.9
	T/S	0.75	0.67	0.51	0.33	0.77	69.0	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	92.0	0.58 (0.37	0.86	0.77 ().58	0.37
	_ ∆T	24	22	18	13	24	22	18	13	24	22	18	13	24	23	18	13	24	22	18	13	23	21	17	12
1400	0 KW	2.95	3.02	3.14	3.26	3.22	3.30	3.43	3.56	3.46	3.55	3.68	3.83	3.67	3.77	3.91	4.06	3.85	3.95	4.10	4.26	4.01	4.11	1.27	4.43
	Amps	11.6	11.8	12.2	12.6	12.5	12.8	13.2	13.6	13.5	13.8	14.3	14.8	14.4	14.8	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.1	17.8
	HI PR	127	137	145	151	143	154	162	169	162	175	185	193	185	199	210	219	208	224	237	247	230	248	261	273
	LO PR	57	61	99	70	09	64	70	74	63	29	73	77	99	20	92	81	69	73	80	85	71	92	83	88
	MBh	53.0	54.6	59.1	63.4	51.8	53.3	57.7	62.0	9.05	52.1	56.4	60.5	49.3	50.8	55.0	29.0	46.9	48.3	52.2	56.1	43.4	44.7	48.4	51.9
	T/S	0.77	69.0	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	92.0	0.57	0.37	0.88	0.79	09.0	0.38	0.89	0.80	09.0	0.39
	ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12
75 1600	0 KW	3.04	3.11	3.23	3.35	3.32	3.40	3.53	3.67	3.56	3.66	3.79	3.94	3.78	3.88	4.03	4.18	3.97	4.07	4.23	4.39	4.13	4.24	4.40	4.57
	Amps	11.9	12.2	12.5	13.0	12.8	13.1	13.5	14.0	13.9	14.2	14.7	15.2	14.8	15.2	15.7	16.2	15.7	16.1	16.6	17.3	16.7	17.1	17.6	18.3
	HI PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	569	281
	LO PR	8 29	63	89	73	62	99	72	77	65	69	75	80	89	72	79	84	71	92	82	88	73	78	85	91
	MBh	54.6	56.2	6.09	65.3	53.4	54.9	59.5	63.8	52.1	53.6	58.1	62.3	50.8	52.3	9.99	8.09	48.3	49.7	53.8	57.7	44.7	46.0	49.8	53.5
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	98.0	0.77	0.58	0.38	0.89	0.80	09.0	0.39	0.92	0.83	0.63 (0.40	0.93	0.83	0.63	0.41
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
1800	0 KW	3.06	3.14	3.26	3.39	3.35	3.43	3.56	3.70	3.60	3.69	3.83	3.98	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.43	4.17	4.28	4.44	4.61
	Amps	12.0	12.3	12.6	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4
	HI PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284
	LO PR	٤ 29	63	69	73	63	29	73	78	65	69	92	81	89	73	79	85	72	92	83	68	74	79	98	95
IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves	g Indoor v pressur	Ory Bulb	Temper:	ature at the li	quid an	d suctio	n servic	e valve	·s	kW	= Tot	Shaded area ref = Total system power	area re n powe	Shaded area reflects ACCA (TVA) conditions al system power Design Subcool	CA (TV De	TVA) conditions Design Subcooling 9 ±3	itions bcooling	ا، 43 وغ	°F @ the	Amps = outdoor (@ the liquid service valve,	os = out service	Amps = outdoor unit amps (comp.+fan uid service valve, ARI 95 test condition	unit amps (comp.+fan) ARI 95 test conditions	(comp st cond	.+fan) itions

Expanded Ratings — GSC130601D * (cont.)

												0	ITDOOR	OUTDOOR AMBIENT TEMPERATURE	NT TEMI	PERATUI	₹.									
				9	65				75			85	<u>ر</u>			95	^{ام}	П		105	^{ام}			115	,	
												ENTERI	NG INDO	ENTERING INDOOR WET	T BULB	BULB TEMPERATURE	ATURE									
IDB	AIRFI	AIRFLOW	59	63	29	71	29	63	29	71	65	63	67	71	59	63	29	71	29	63	29	71	29	63	29	71
_		MBh	49.8	50.9	54.4	58.2	48.7	49.7	53.1	56.8	47.5	48.5	51.9	55.4	46.4	47.4	9.05	54.1	44.0	45.0	48.1	51.4	40.8	41.7	44.5	47.6
		S/T	0.82	0.77	0.62	0.5	0.85	0.80	0.65	0.48	0.87	0.82	99.0	0.5	06.0	0.84	69.0	0.51	0.93	0.87	0.71	0.5	0.94	0.88	0.72	0.54
		ΔT	27	56	22	18	27	56	23	18	27	56	23	18	27	56	23	18	27	56	22	18	25	24	21	17
	1400	ΚW	2.98	3.05	3.17	3.3	3.25	3.34	3.46	3.59	3.50	3.58	3.72	3.9	3.71	3.80	3.95	4.10	3.89	3.99	4.14	4.3	4.05	4.15	4.31	4.48
		Amps	11.7	11.9	12.3	12.8	12.6	12.9	13.3	13.8	13.6	14.0	14.4	14.9	14.5	14.9	15.4	15.9	15.5	15.8	16.3	16.9	16.3	16.7	17.3	17.9
		HI PR	129	138	146	152.4	144	155	164	171	164	177	187	194.5	187	201	212	222	210	226	239	249.3	232	250	264	275
		LO PR	28	61	29	71.2	61	65	71	75	63	29	73	78.2	99	71	77	82	70	74	81	86.1	72	77	84	89
		MBh	54.0	55.2	58.9	63.0	52.7	53.9	57.6	61.5	51.5	52.6	56.2	60.1	50.2	51.3	54.8	58.6	47.7	48.7	52.1	55.7	44.2	45.2	48.2	51.6
		S/T	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.50	0.90	0.85	69.0	0.5	0.93	0.87	0.71	0.53	0.97	0.91	0.74	9.0	0.97	0.91	0.74	0.56
		ΔT	26	25	22	18	27	26	22	18	27	56	22	18	27	56	22	18	27	25	22	18	25	24	21	16
80	1600	Κ	3.07	3.14	3.26	3.4	3.35	3.43	3.56	3.70	3.60	3.69	3.83	4.0	3.82	3.92	4.07	4.22	4.01	4.11	4.27	4.4	4.17	4.28	4.44	4.61
-		Amps	12.0	12.3	12.7	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.3	14.9	15.3	15.8	16.4	15.9	16.3	16.8	17.4	16.8	17.2	17.8	18.4
		HI PR	133	143	151	157.2	149	160	169	176	169	182	192	200.6	193	207	219	228	217	233	246	257.0	240	258	272	284
		LO PR	59	63	69	73.4	63	29	73	78	65	69	92	9.08	89	73	80	85	72	92	83	88.7	74	79	98	92
		MBh	55.6	56.8	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.7	52.9	56.5	60.4	49.1	50.2	53.6	57.3	45.5	46.5	49.7	53.1
		S/T	0.89	0.84	0.68	0.5	0.92	0.87	O	0.53	0.95	0.89	0.72	0.5	1.00	0.92	0.75	0.56	1.00	0.95	0.77	9.0	1.00	96.0	0.78	0.58
		ΔT	25	24	21	17	56	25	21	17	56	25	21	17	56	25	22	17	25	24	21	17	23	23	20	16
	1800	Κ	3.09	3.17	3.29	3.4	3.38	3.47	3.60	3.74	3.63	3.73	3.87	4.0	3.86	3.96	4.11	4.26	4.05	4.15	4.31	4.5	4.21	4.32	4.48	4.66
		Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6
		HI PR	134	144	152	158.7	150	162		178	171	184	194	202.6	195	209	221	231	219	236	249	259.5	242	260	275	287
		LO PR	09	64	70	74.1	63	29	74	78	99	20	92	81.4	69	74	80	98	72	77	84	9.68	75	80	87	93

		MBh	50.7	51.7	54.1	57.7	49.5	50.5	52.9	56.4	48.3	49.3	51.6	55.1	47.2	48.1	50.3	53.7 4	44.8 4	45.7	47.8 5	51.0	41.5 4	42.3 44	44.3 47	w.
		S/T	98.0	0.83	0.75	0.61	0.89	98.0	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67 0	0.98	0.94	0.85) 69.0	0.99	0.95 0.	0.86 0.7	0.70
		ΔT	29	28	27	23	29	28	27	23	29	28	27	23	59	29	27	23	29	28	27	23	27 2	26 2	25 2	22
	1400	ΚW	3.01	3.08	3.20	3.32	3.28	3.37	3.49	3.63	3.53	3.62	3.76	3.90	3.74	3.84	3.99	4.14 3	3.93 4	1.03	1.18 4	1.35 4	1.09 4.	1.19 4.	1.35 4.5	4.52
		Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.4	13.9	13.8	14.1	14.5	15.1	14.7	15.0	15.5	16.1	15.6	0.91	16.5	17.1	16.5 10	16.9 17	17.5 18	18.1
		HI PR	130	140	148	154	146	157	166	173	166	178	188	196	189	203	215	224	212	229	241	252	235 2	253 20	267 27	278
		LO PR	28	62	89	72	61	65	71	92	64	89	74	79	29	71	78	83	70	75	82	87	73	77 8	84 9	90
		MBh	54.9	26.0	58.6	62.6	53.6	54.7	57.3	61.1	52.4	53.4	55.9	59.7	51.1	52.1	54.5	58.2 4	48.5 4	49.5	51.8	55.3	45.0 4	45.8 48	48.0 51	51.2
		S/T	0.89	98.0	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00 (0.98	0.88	0.72	1.00 0	0.99 0.	.0 68.0	0.72
		ΔT	28	28	56	23	28	28	56	23	28	28	56	23	29	28	27	23	28	28	26	23	26 2	26 2	25 21	7
82	1600	ΚW	3.09	3.17	3.29	3.42	3.38	3.47	3.60	3.74	3.63	3.73	3.87	4.02	3.86	3.96	4.11	4.26 4	4.05 4	4.15	4.31 4	4.48	4.21 4.	4.32 4.	4.48 4.6	4.66
		Amps	12.1	12.4	12.8	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.4	15.9	16.5 1	16.0 1	16.4	16.9	17.6	17.0 1	17.4 17	17.9 18	18.6
		HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	509	221	231 2	219	236	249	260	242 2	260 27	275 287	37
		LO PR	09	64	20	74	63	29	74	78	99	70	92	81	69	74	80	98	72	77	84	06	75 8	80 8	87 9.	93
		MBh	9.99	57.7	60.4	64.4	55.3	56.3	59.0	67.9	53.9	55.0	57.6	61.4	52.6	53.6	56.2	59.9	50.0	51.0	53.4 5	2 6.95	46.3 4	47.2 49	49.4 52.7	7:
		S/T	0.93	06.0	0.81	99.0	0.97	0.93	0.84	0.68	0.99	96.0	98.0	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00 1.	1.00 0.1	0.93 0.7	0.76
		ΔT	27	27	25	22	27	27	25	22	27	27	25	22	27	27	56	22	26	56	25	22	24 2	24 2	24 2	70
	1800	ΚW	3.12	3.20	3.32	3.45	3.41	3.50	3.63	3.77	3.67	3.76	3.91	4.06	3.89	3.99	4.15	4.31 4	4.08 4	4.19	4.35 4	4.52	4.25 4.	4.36 4.	4.53 4.	4.70
		Amps	12.2	12.5	12.9	13.3	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.6	15.2	15.6	16.1	16.7 1	16.2	9.91	17.1	17.7	1.7.1	17.5 18	18.1 18	18.8
		HI PR	135	146	154	160	152	163	172	180	173	186	196	205	197	212	223	233	221	238	251	797	244 2	263 2	278 25	290
		LO PR	61	64	20	75	64	89	74	79	99	71	77	82	20	74	81	98	73	78	85	91	92	81 8	88	94
IDB: Ent High an	tering Ir d Iow pi	IDB: Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service valves	Bulb Ta	empera	ture it the lic	quid and	d suctio	n servic	e valve	Š.	ΚV	V = Tota	Shaded area ref kW = Total system power	area ref 1 powe	Shaded area reflects AHRI conditions al system power	IRI cond De	litions sign Suk	scooling	3° £± 6	@ the	Amp liquid s	s = outc ervice v	nditions Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions	amps (195 test	comp.+1	fan) ons

AHRI Ratings

OUTDOOR	Con		COOLING	RATINGS		CENA	ALIDI #
UNIT	COIL	TOTAL ¹	SENS. ¹	SEER ²	EER ³	CFM	AHRI#
GSC130241F*	CA*F1824*6B*+EEP	22,800	17,600	13	11	800	4700186
GSC130301(D,E)*	CA*F3030*6B*+EEP	27,600	21,000	13	11	950	4705227
GSC130481C*	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528473
GSC130421C*	CA*F4860*6B*+EEP	39,500	28,200	13	11	1,400	5528472
GSC130363B*	CA*F3642*6C*+EEP	33,400	24,200	13	11	1,200	5528487
GSC130361G*	CA*F3642*6C*+EEP	33,400	24,200	13	11	1,200	5528471
GSC130601D*	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528476
GSC130603C*	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	5528477
GSC130483C*	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	5528474
GSC130181G*	CA*F1824*6B*+EEP	18,000	13,000	13	11	600	5897360
GSC130484BD	CA*F4961*6A*+EEP	44,500	33,800	13	11	1,600	6468399
GSC130604BD	CA*F4961*6A*+EEP	53,000	38,000	13	11	1,600	6468400

¹ BTU/h

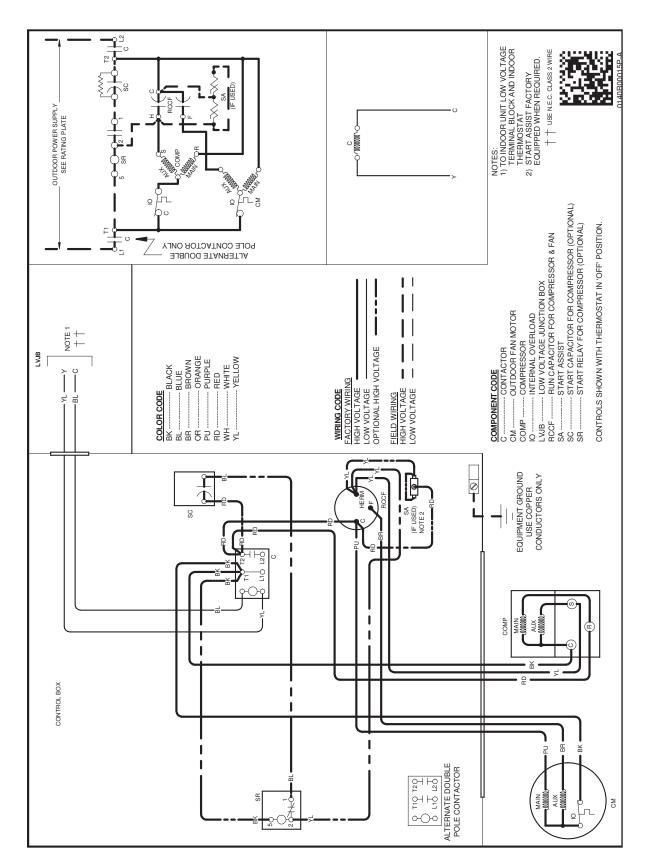
NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP: Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Goodman Gas Furnace contains the EEP cooling time delay.

² Seasonal Energy Efficiency Ratio; tested and rated per AHRI 210/240

³ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

WIRING DIAGRAM

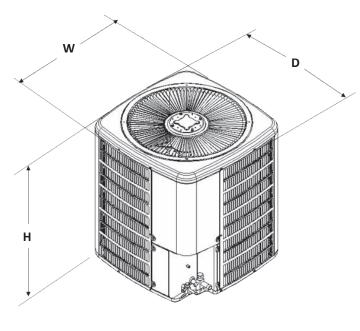




WARNING High sou

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

DIMENSIONS



		DIMENSIONS	
MODEL	W"	D"	Н"
GSC130181G*	26	26	27½
GSC130241F*	23½	23½	25¾
GSC130301E*	26	26	30¼
GSC130361G*	29	29	30¼
GSC130421BC*	29	29	30¼
GSC130481C*	29	29	36¼
GSC130601D*	29	29	40

Accessories

MODEL	DESCRIPTION	GSC13 018**	GSC13 024**	GSC13 030**	GSC13 036**	GSC13 042**	GSC13 048**	GSC13 060**
ABK-20	Anchor Bracket Kit ▼			Х	Х	Х	Х	Х
ABK-21	Anchor Bracket Kit ▼	Х	Х					
ASC-01	Anti-Short Cycle Kit	Х	Х	Х	Х	Х	Х	Х
CSR-U-1	Hard-start Kit	Х	Х	Х	Х	Х	Х	Х
CSR-U-2	Hard-start Kit			Х				
CSR-U-3	Hard-start Kit							
FSK01A	Freeze Protection Kit ¹	Х	Х	Х	Х	Х	Х	Х
LSK01A	Liquid Line Solenoid Kit ²	Х	Х	Х	Х	Х	Х	Х
0263M00019	Crankcase Heater	Х						
OT18-60A	Outdoor Thermostat	Х	Х	Х	Х	Х	Х	Х

[▼] Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.